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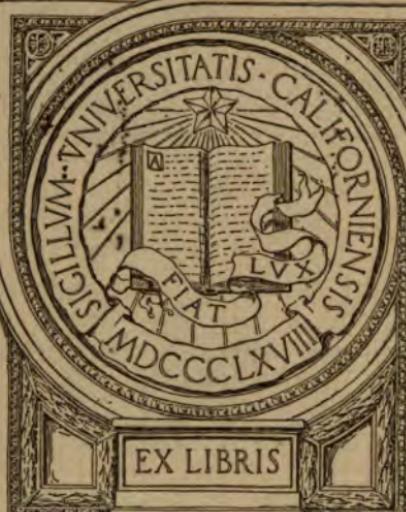
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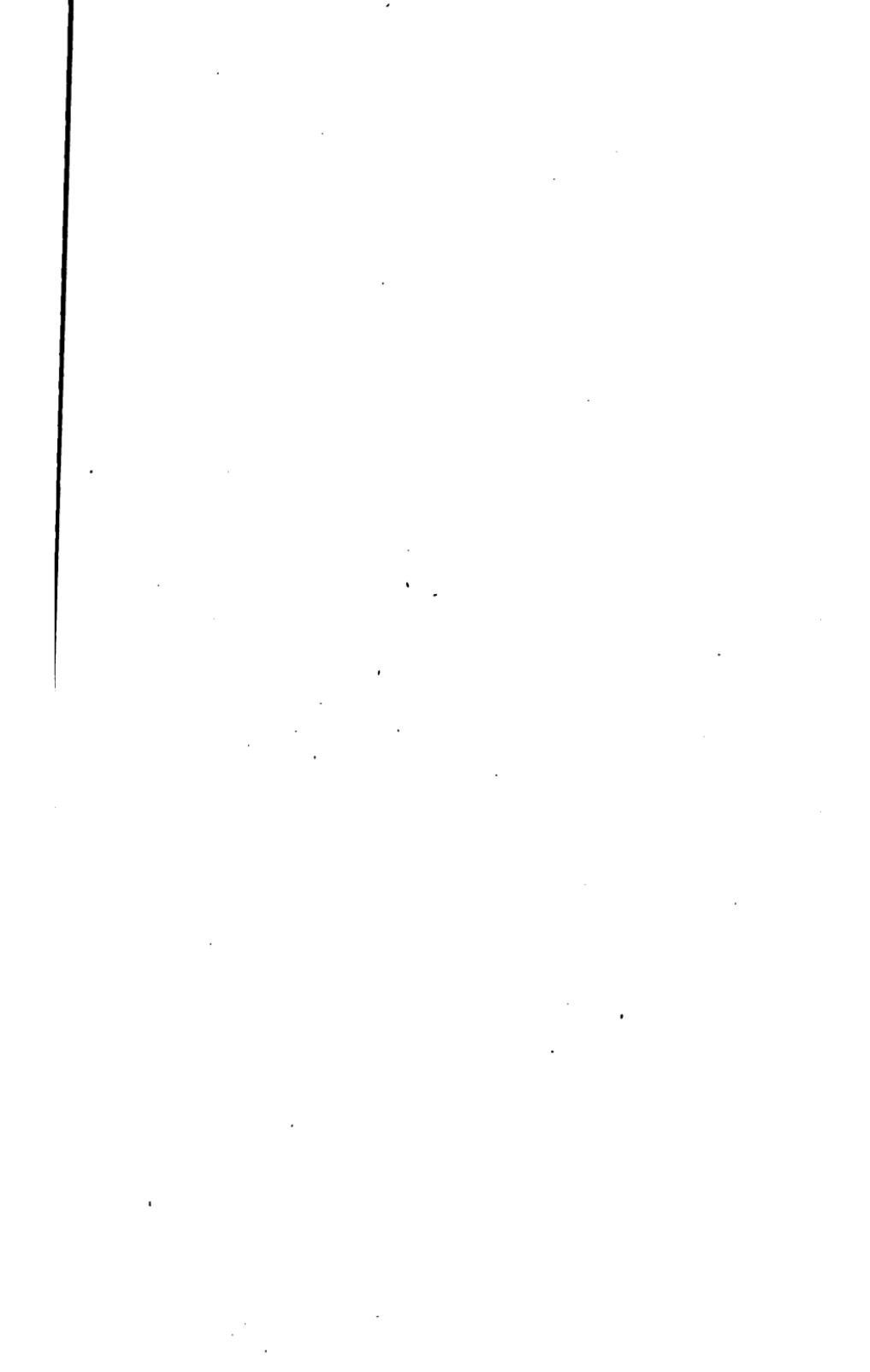
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*Preface*

THE occasion of this little pamphlet is the reunion of the women who have received higher degrees from Yale during the twenty-six years in which her doors have been open to them. During that time one hundred and twenty women have received the degree of Doctor of Philosophy; five, the Master of Arts; three, the Master of Science; and two, the Certificate in Public Health—a total of only one hundred and thirty. It is, therefore, the more gratifying to find among our Alumnae, two college presidents, and one acting college president, five deans, and twenty-five heads of departments and full professors, while twenty-one are listed in *Who's Who in America*.

Of the remaining, many have carried on their work informally. Several of the twenty-six who have married are continuing scientific or literary work with their husbands. Four have married members of the Yale faculty; five, Yale Doctors of Philosophy; one, a Yale Master of Science; and one, a Yale Master of Arts.

The biographical notes which follow, give but the barest record, listing, as they do, publications, positions held, and only occasional personal notes. They have been prepared chiefly from the alumnae record cards made out by the individuals, and hence lack something of uniformity. As the purpose of these notes is to give a summary of work, rather than detailed information, we have hesitated to trouble busy women with a second letter to achieve no greater end than consistency. They cannot touch upon the personal qualities, and the non-professional achievements, which are, in many cases, the richest part of the lives of our alumnae. Even the quiet committee work and wise counseling in academic conclave or in the home, which have been part of their contributions to their several communities, can be learned only incidentally, and not by formal record cards.

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ALUMNAE

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But even this bare record will have its value to those who are interested in following the careers of a group of women with higher degrees during a quarter-century when the obligations as well as the privileges of higher education have been great.

The biographies have been arranged by Departments, and a member of each departmental faculty has contributed a foreword.

While candidates for the Master of Science degree and for the Certificate in Public Health have only this year been included in the Graduate School, we have adopted as our alumnae in this pamphlet the five women who have already received these degrees from the University.

M. T. C.

## *Introduction*

WILBUR LUCIUS CROSS

THESE few pages, which have been prepared by Miss Corwin, tell about what the Alumnae of the Graduate School have done and are now doing, and about the new opportunities for women at Yale. It is an interesting and impressive story.

Universities, like persons, must adjust themselves, either gladly or reluctantly, to the needs of the times. The undergraduate Schools at Yale were founded expressly for the education of young men, just as have since been founded throughout the country many excellent colleges for the education of young women. Underlying all these privately endowed institutions is the conviction that it is better for young men and young women to pursue studies of the college grade quite apart. For those who hold the opposite view, the great State Universities are available. The case, however, is quite different when we come to Graduate and Professional Schools of the first rank, which are limited in number, and in which mature students are either engaged in investigation or are preparing themselves for definite careers. This distinction was early recognized at Yale. Indeed, almost immediately after the organization of the Graduate School, women were admitted as candidates for the Ph.D. degree; and when the M.S. degree was established, they were at once admitted to this degree also. It may seem that they had to wait a long time before they were allowed to take an M.A. degree; but, as a matter of fact, they had to wait only four or five years after the administration of this degree was transferred from Yale College to the Graduate School; and when the new degrees were established in Public Health, there arose no question of discrimination on the

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basis of sex. Last year, Miss Margaret T. Corwin, a graduate of Bryn Mawr, was made Executive Secretary of the Graduate School, and this spring, Miss Catherine Bryce, of Cleveland, Ohio, was appointed Assistant Professor of Elementary Education. Miss Bryce is the first of her sex to become a member of the faculty of the Graduate School. It looks as if women were now coming into their own here as everywhere else.

The Alumnae who read the new Catalogue, soon to be published, will observe the wide scope for study and investigation now provided by the Graduate School. While all former work is being maintained, there have been added, within the last few years, ten new departments of study, of which women, perhaps, will be most interested in (1) the Fine Arts: History and Criticism, (2) Bacteriology and Public Health, (3) Astronomy, and (4) Education. Prospective students especially should read the new requirements for the Master's degree, which aim to correlate, more closely than has been the practice, graduate with undergraduate study. They will see that it is possible, if they select the proper courses in college, to obtain a Master's degree after one year of residence at Yale.

The Alumnae and their friends are always most welcome visitors at Gibbs Hall, the new offices of the Graduate School.

# *Almanac of the Graduate School*

## *September.*

During the last week, students register at the Dean's office in Gibbs Hall.

Also a tea is given by the Graduate Women's Club for new women students.

## *October 10.*

By this date each student has conferred with the Chairman of her Department, and settled upon a course of study for the year, whereupon she files a record thereof at the office.

## *November.*

The last Thursday and the afternoon preceding it are dedicated to Thanksgiving.

## *December and January.*

Over two weeks, beginning just before Christmas, are set apart for vacation. In 1919 the Graduate School had a New Year's Eve Party, which may be repeated.

## *February.*

About the end of the first week the first term ends. At this season the Junior Promenade occurs.

All those desiring to change their courses consult their academic advisers, and record their decisions at the office.

## *March and April.*

About the end of the first month or beginning of the second occurs the Easter vacation.

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*May.*

May Day is celebrated by the presentation of Doctor's dissertations at the office of the Dean.

The fifteenth marks the offerings of candidates for M.A., M.S., Dr.P.H., and C.P.H.

*June.*

The third week is marked by warm weather, friendly reunions, a Baccalaureate Sermon, and the presentation of degrees, followed by a summer vacation.

## *Classics*

CLARENCE WHITTLESEY MENDELL

SINCE the first degree in Classical Philology granted by Yale to a woman was conferred, in 1895, thirteen have taken the Ph.D., and many others have studied Greek, Latin, and Sanskrit for a year or more. The Department is proud to welcome them back. Many who would have greeted them as old friends are gone. Professor Seymour no longer presides in person over the heights of Phelps Hall, but his is still the presiding genius. The returning alumnae will miss the genial friendship, inspiring scholarship, and fine dignity of Peck and Wright, Perrin and Oertel and Morris. These all have served Yale well, and the Classical Department is still reaping the results of their devoted service.

"Though much is taken, much abides." The alumnae will be welcomed by Professor Hopkins, Professor Goodell, and Professor Reynolds. They will find two members, new to many of them, who will go far toward making up for the losses which they will feel: Professors Hendrickson and Harmon make it certain that the traditions of Whitney and Hadley, of Packard and Kingsley and Thacher, have not and will not be abandoned.

Meanwhile the alumnae have been adding generous laurels to the Department. They come back to Yale with titles of Dean and Professor and Director, earned in Texas and Connecticut, in Alabama and Massachusetts. The Department is justly proud of them and of their work, and welcomes them back, now as always, eagerly and cordially.

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**SUSAN DINSMORE TEW, B.A. Smith College 1892.**

Miss Tew received her Doctor's degree in 1895. Since 1902 she has been Professor of Greek in Tulane University, New Orleans, Louisiana.

Her dissertation is entitled "Notes on the Vocabulary of *Æschylus*."

**LOUISE PRESTON DODGE.**

Upon receiving her Doctor's degree in 1900, Miss Dodge taught for a year at the Stamford High School and for the next year at the Norwich Free Academy. During the years 1909-1911 she was head of the Latin and French departments at Lebanon Valley College, and during 1911-1913 was head of the department of Romance Languages at Converse College. In 1914 she went to Winona College as head of the department of Latin and French.

Her dissertation is entitled "Posse and Its Synonyms in Cicero's Letters."

Miss Dodge died in January, 1920.

**AMY LOUISE BARBOUR, B.A. Smith College 1891.**

Since receiving her Doctor's degree in 1902, Miss Barbour has taught at Smith College; until 1912 as instructor, from 1912 to 1919 as Associate Professor, and now as Professor of Greek.

Her dissertation is entitled "Tryphiodorus, a Late Epic Poet: His Relation to Other Epics in Form and Vocabulary."

**ELISABETH FRANCES ABBE, B.A. Wellesley College 1888, M.A. 1896.**

Miss Abbe received her Doctor's degree in 1903. Since 1906 she has been head of the department of Latin at the Melrose High School, Melrose, Massachusetts.

Her dissertation is entitled "Entrances in Greek Tragedy."

**GERTRUDE HARPER BEGGS, B.A. University of Denver 1893.**

Miss Beggs received her Doctor's degree in 1904. Since then she has been: Professor of Greek at the University of Denver, 1905-1914; Dean of the Chicago Kindergarten Institute, 1914-15; Social Director of the Martha Cook Building of the University of Michigan, 1915-17; Dean of Women, University of Minnesota, 1917-19. She is now Professor of Latin in West-

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hampton College, Richmond, Virginia. In 1914 Miss Beggs received an LL.D. degree from the University of Denver.

Her dissertation is entitled "The Adnominal Genitive in Lysias."

### MARY CROWELL WELLES, B.A. Smith College 1883.

Upon receiving her Doctor's degree in 1904, Miss Welles became Instructor in Latin and English in the Hartford High School. Since 1907 she has been the General Secretary of the Consumers' League of Connecticut.

Her publications include: "Contributions to the Study of Suppletivwesen," *American Journal of Philology*, 1904; and "A Glance at Some European and American Vocational Schools," 1910.

Her dissertation is entitled "The Appropriation and Latent Criticism of Herodotus in Thucydides."

Her present address is Newington, Connecticut.

### ELIZABETH HATCH PALMER, B.A. Wellesley College 1887.

Upon receiving her Doctor's degree in 1905, Miss Palmer began her work as Associate Professor of Latin at Vassar College, continuing there until her death.

Her dissertation is entitled "The Adnominal Genitive in Thucydides."

Miss Palmer died in May, 1920.

### MAUD THOMPSON (Mrs. William E. Bolen), B.A. Wellesley College 1901, M.A. 1902.

Upon receiving her Doctor's degree in 1906, Miss Thompson taught Latin and History at Detroit Seminary until 1909.

In 1909 she married William E. Bolen, and in 1910 her daughter, Rhoda Thompson Bolen, was born.

From 1909 to 1917 she lectured before clubs, schools, etc. During the year 1917-18 she taught History at the Organic School, Fairhope, Alabama. Since 1918 she has been head of the department of Latin at Mrs. Beard's School, Orange, New Jersey.

Mrs. Bolen has also been Vice-President of the New Jersey Classical Association; done suffrage work from 1906 to 1917; served on the Educational Committee from 1910 to 1917; conducted a lecture bureau on Modern Education; and made an investigation of the New Jersey public schools.

Her dissertation is entitled "The Property Rights of Women in Ancient Greece." She has also written several pamphlets on Education.

Her present address is 112 Berkeley Avenue, Orange, New Jersey.

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### MAY ALICE ALLEN, B.A. Smith College 1901.

Miss Allen received her Doctor's degree in 1908. From 1909 to 1915 she taught Latin and Greek at Miss Capen's School, Northampton, Massachusetts, and from 1915 to 1919, at Barstom School, Kansas City, Missouri. Since 1919 she has been Dean of Women and Professor of Latin and Greek at the University of Chattanooga, Tennessee.

Her dissertation is entitled "The Technical Vocabulary of the Rhythmic of Aristoxenos."

### ERMA ELOISE COLE, B.A. Upper Iowa University 1900.

Miss Cole received her Ph.D. in 1910. From 1912 to 1915 she was head of the department of Greek and Latin at Klamath Falls High School, Klamath Falls, Oregon. Since 1917 she has been Instructor in Ancient History and Greek at Connecticut College for Women, New London, Connecticut.

Her dissertation was printed in condensed form by the Tuttle, Morehouse & Taylor Company, New Haven, in 1912, under the title "The Samos of Herodotus."

### IRENE NYE, B.A. Washburn College 1895.

Upon receiving her Doctor's degree in 1911, Miss Nye became Professor of Latin at Washburn College for the year 1911-1912, advancing to Professor of Classical Languages, 1912-1915. In 1915 she went to Connecticut College for Women, New London, where she has been successively, Assistant Professor of Greek and Latin in 1915, Professor of Greek and Latin since 1916, and Dean of the Faculty from 1917 to the present time.

Her publications include her dissertation, issued by R. Wagner Sohn, Weimar, 1912, under the title "Sentence Connection; Illustrated Chiefly from Livy"; and articles in the *Classical Journal* and in *Classical Philology*.

### MAELYNETTE ALDRICH, B.A. Kansas State University 1912, M.A. 1913.

Miss Aldrich received her Doctor's degree in 1916. In 1917 she became Professor of Latin, Greek, and History at Ewing College, Ewing, Illinois. In 1919 she accepted the chair of Mathematics at Martha Washington College for Women, Abingdon, Virginia.

Her dissertation is entitled "Repetitions of Words in Plautus." Miss Aldrich died in February, 1920.

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MAUDE HAZEL GAECKLER, B.A. University of Nebraska 1911, M.A. 1913.

Upon receiving her Doctor's degree in 1916, Miss Gaeckler was made head of the Latin department of the Edinboro State Normal School, Edinboro, Pennsylvania, for the year 1916-1917. From 1917 to 1919 she was at Lawrence College, Appleton, Wisconsin, where she was successively Instructor in Ancient Languages and Assistant Dean of Women from 1917 to 1918, and Acting-Dean of Women and Instructor in Spanish in 1918-1919. She is now head of the Greek and Latin department at Baylor College for Women, Belton, Texas.

Her dissertation is entitled "A Study of the Aorist, Imperfect, and Perfect Tenses in the Rig-Veda, Early and Late."

## *Semitics*

CHARLES CUTLER TORREY

THE courses of study in the Department of Semitic Languages and Literatures are designed primarily for those who are fitting themselves to be teachers in colleges and training schools of high grade. In all the principal colleges for women, instruction is offered in Biblical Literature and History, and the number of professorships and instructorships in this field is increasing. It is generally recognized that a satisfactory preparation for teaching the Bible must include at least some knowledge of Hebrew. For those who would master Hebrew, acquaintance with one or more of the cognate languages is necessary. Courses in Assyrian, Arabic, and Syriac are already offered in some of the colleges for women, and several of these institutions possess collections of original and unpublished material (chiefly Babylonian and Assyrian tablets) which afford excellent opportunity for historical research.

This department provides valuable training for those who intend to teach Oriental history, especially the history of Western Asia, Egypt, and the Eastern Mediterranean lands; and also for prospective teachers of the History of Religion. In connection with the courses of Missionary Training offered in the Divinity School, the Semitics Department affords special preparation for those who are fitting themselves to undertake educational work in the Near East.

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For those who have leisure and inclination to pursue advanced studies for their own sake the Semitics Department at Yale offers very attractive opportunities. The Semitic languages are highly interesting in themselves, and repay the time spent upon them. Some of the world's greatest books are Semitic, and it is generally impossible to reproduce them adequately in translation. Vast stores of literature, representing almost every branch of science and *belles-lettres*, are open to those who can read Hebrew, Arabic, Assyrian, and Syriac. During the last decade a very large and important collection of Babylonian and Assyrian material, mostly unpublished, has been formed at Yale through the activity and expert knowledge of the Professor of Assyriology. In the combination of this collection with the library of Arabic manuscripts owned by the University, for the most part unpublished, there are offered to the advanced graduate student such varied possibilities of research and publication as could not be found elsewhere in America. In every part of the Semitic field, moreover, there is work of high importance waiting to be done by thoroughly prepared scholars. Women have already shown, both in this country and abroad, that they can do distinguished work of investigation in Semitic science.

## DOCTORS OF PHILOSOPHY

### SARA ANNA EMERSON, B.A. Boston University 1877.

Upon receiving her Doctor's degree in 1903, Miss Emerson was for three years Instructor in Biblical Literature in the National Training School for Missionaries and Deaconesses in Washington, D. C.

Her dissertation is entitled "The Historic Nucleus of the Stories of Abraham Contained in the Book of Genesis."

Her present address is 14 Park Drive, Brookline 46, Massachusetts.

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ETTALENE MEARS GRICE, B.A. Western College for  
Women 1908.

Miss Grice received her Doctor's degree in 1917. Since 1918 she has continued her work as Research Fellow at Yale University. She is working on Sumero-Akkadian Syllabaries, assembling the cuneiform signs and sign combinations with their Sumerian and Akkadian meanings. During the present year she has also been a Lecturer at the University.

Her dissertation is entitled "Tablets from Ur and Larsa, Dated in the Larsa Dynasty."

Her publications include: "Records from Ur and Larsa," Yale University Press, 1919; "Chronology of the Larsa Dynasty," Yale University Press, 1919.

MASTER OF ARTS

ALPHA WINIFRED BARLOW, B.S. Smith College 1896.

Miss Barlow received the degree of Master of Arts in 1918. In 1919 she accepted her present position, Director of Religious Education of the Young Women's Christian Association, Flint, Michigan.

Her Master's essay is entitled "Literary and Historical Studies in the English Old Testament."

## *Romance*

HENRY ROSEMAN LANG

INSTRUCTION in the scientific study of the Romance Languages and Literatures, leading to the degree of Doctor of Philosophy, has been given at Yale since 1892, when it was first organized. Courses have since then been regularly offered in the mediæval as well as the modern periods of the languages and literatures of France, Provence, Italy, and the Spanish Peninsula. More recently, courses in Spanish-American Literature and in methods of teaching Spanish, conducted by Professor Luquiens, have been added. The aim of the instruction has been not only to give students a thorough knowledge of certain periods of linguistic and literary development, but also to train them to do accurate scholarly work. Women enrolled as candidates for a degree are admitted to such undergraduate courses as they may need.

It is of especial interest on this occasion to note that the very first candidate for the Doctor's degree in Romance Languages at Yale was a woman, Miss Cornelia Rogers of Bridgeport. Miss Rogers began her studies here in 1892, and proved to be exceptionally well prepared for them. A graduate of Wellesley College, she was not only well versed in French, but possessed a remarkable fluency and accuracy in the use of Spanish. She took especial interest in the study of Old Spanish, choosing the subject of her thesis in this field of research.

Miss Marion Parker Whitney and Miss Elise Neu-

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enschwander are the only other women who have studied for the degree of Doctor of Philosophy in this Department, the former graduating in 1901 with a thesis on the interpretation of a Provençal poem dealing with Young Henry, the latter in 1913 with one concerning modern French literature.

Since 1917 women have been admitted as candidates for the degree of Master of Arts. The only candidate upon whom this degree has so far been conferred is Miss Clare Amberton.

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### CORNELIA HEPHZIBAH BULKLEY ROGERS, B.A. Wellesley College 1884.

Upon receiving her Doctor's degree in 1894, Miss Rogers taught for five years at Adelphi Academy, Brooklyn, New York. In 1898 she became Instructor in French and Italian at Vassar College. In 1902 she was made Associate Professor of Romance Languages, and continued her work there until her death.

Her dissertation is entitled *Sinalefa, sinéresis é hiato en los romances del Cid.*

She also published occasional translations from the Spanish, Italian, and French, for the American Academy of Political and Social Sciences.

Miss Rogers died in 1917.

### MARION PARKER WHITNEY.

Miss Whitney received her Doctor's degree in 1901. From 1892 to 1905 she was teacher of Modern Languages at the New Haven High School. From 1905 to the present time she has been Professor of German and Instructor in Comparative Literature at Vassar College; and since 1915 she has been examiner in German for the College Entrance Examination Board. She is First Vice-President of the Modern Language Association of America. In 1919 she became Associate Editor of the *Modern Language Journal*, and Chairman of Education of the National Council of Women.

Her dissertation is entitled "The Young King and Largesse. A Study in Mediæval Manners."

Her publications include: *Geschichte der Deutschen Literatur*; "Advanced German Composition"; "Easy German Compo-

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sition" (In collaboration with Associate Professor L. L. Stroebe of Vassar); various texts and grammars—German and French; and articles in pedagogical and modern language periodicals.

### ELISE NEUENSCHWANDER, B.A. University of Kansas 1898.

Miss Neuenschwander received her Doctor's degree in 1913. Her work has been at the University of Kansas, where she is Associate Professor of Romance Languages.

Her dissertation is entitled "Influence of Villon on Voltaire."

## MASTER OF ARTS

### CLARE AMBERTON (Mrs. James Kenny), L.L.A. St. Andrew's University 1916.

Upon receiving her Master's degree in 1918, Miss Amberton assumed charge of the Household Department of the United States Employment Service in New Haven during the year 1918-1919.

On December 15, 1919, she married James Kenny.

Her Master's essay is entitled "The Influence of French Thought on the Poetry of Alexander Petöfi." She has also written "Unto Others," a short story published in the *Unpartisan Review*, October, 1919.

Her present address is 61 Evelyn Gardens, Onslow Square, London, S. W., England.

## *Germanic Languages*

GUSTAV GRUENER

DURING the last ten years the Department of German has been strengthened by the infusion of new blood and enlarged by the introduction of new courses, chiefly along the line of the study of Goethe. The department has had the rare good fortune of securing for the University Library the unique William A. Speck Collection of Goetheana, and of having Mr. Speck himself added to its staff of instructors. He not only gives courses in Goethe, but is always ready to put the treasures of his collection, unparalleled in this country, at the service of our graduate students.

In Scandinavian a new start is being made; the plan being to develop courses in this field as fast as there is a call for them.

At present the demand for teachers in German is greatly reduced, but, to judge by reports from many sources, the study of German seems to be at its lowest ebb. Everywhere signs of a revival are manifest, and those who enter upon the study at the present time have a fair prospect of finding openings when they are ready to go out and teach,—openings which will offer better salaries and larger opportunities than for many years past.

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ELLEN CORDELIA ABBOTT, B.A. Vassar College 1892.

Upon receiving her Doctor's degree in 1900, Miss Abbott taught English at the Flexner School in Louisville, Kentucky, until 1905.

From 1909 to 1917 she was a member of the department of English Literature at the Spence School, New York City.

Her dissertation is entitled "The Influence of Shakespere upon the Dramatic Works of Heinrich von Kleist."

Her present address is 106 East 52d Street, New York City.

ALBERTA LINTON CORBIN, B.A. University of Kansas 1893.

Miss Corbin received her Doctor's degree in 1901. Her work has been at the University of Kansas, where she is now Associate Professor of German and Adviser of Women.

Her dissertation is entitled "Contributions to the Study of the Political Lyric in Germany."

SUSAN ALMIRA BACON, B.A. Mount Holyoke College 1905.

After receiving her Doctor's degree in 1911, Miss Bacon was Associate Professor of French at Mount Holyoke College until 1915. Since 1916 she has been Assistant Professor of French and Spanish and in charge of that department, at Reed College, Portland, Oregon.

Her dissertation, "The Source of Wolfram's *Willehalm*," was published by J. C. B. Mohr, Tübingen, in 1910.

EDITH ST. CLAIR PALMER, B.A. Mount Holyoke College 1910, M.A. Smith College 1912.

Miss Palmer received her Doctor's degree in 1914. In 1915 she went to Wheaton College as Instructor in German, and was promoted to Assistant Professor in 1918. In 1919 she accepted a call to Mount Holyoke College as Assistant Professor of Journalism.

Her dissertation is entitled *Studien zu Theodor Fontanes Balladen*.

## *English*

ALBERT STANBURROUGH COOK

AS one of those who were instrumental, in the face of considerable opposition, in having women admitted to graduate study in Yale, now more than a quarter of a century ago, I feel that the University may congratulate itself, in general, on the results attained. Beginning with 1894, Yale has conferred the degree of Ph.D. in English upon forty women, and that of M.A. upon two. Of the forty Doctors of Philosophy, ten have been married, and three have died. Two are college presidents, three are or have been deans, ten professors, and seven assistant or associate professors. Of the total number, Vassar has one, for twenty-three years head of the department; Smith has had four, including two full professors; and Wellesley three, including two full professors. Thirty-one have published their dissertations (including one now in press), twenty being comprised in the *Yale Studies in English*; the subjects range from Old English through Middle English, the Elizabethan period, the age of Milton, and the eighteenth century, down to the nineteenth; with these may be reckoned studies on the influence exerted by the ancient classics upon English literature.

Among important works of scholarship produced by these graduates, may be mentioned Dr. Lockwood's Milton lexicon; Dr. Ella Isabel Harris' poetical rendering of Seneca's tragedies; Dr. Henry's (Reinhardt's) edition of Jonson's *Epicoene*; Dr. Bu-

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land's (Campbell's) *Representation of Time in the Elizabethan Drama*; Dr. Adams' *Old English Scholarship in England from 1566 to 1800*; and Dr. Goad's *Horace in the English Literature of the Eighteenth Century*; not to speak of many others that are highly meritorious. In the *belles-lettres*, attention may be called to the writings of Dr. Sherwood (*Daphne*, etc.), Dr. Woodbridge (Morris) (*Jonathan Papers*, etc.), and Dr. Shackford (the initial volume of the *Yale University Prize Poems*). Dr. Lovewell (Dickinson) has for many years lectured acceptably to literary clubs which she has conducted, and Dr. Myers, who has devoted herself to the subject of history, has done conspicuous work for the education of women at the South. But further details must be sought in the biographies themselves.

In future, besides those who seek the doctorate for special reasons, many women might profitably take advantage of the opportunities afforded those who wish to attain the degree of Master of Arts; and, where that is impracticable, would be likely to derive much advantage from graduate study extending over one or two years—supposing them properly prepared for it—without reference to any advanced degree. I feel sure that an increasing number of women should give consideration to such a shorter course.

## DOCTORS OF PHILOSOPHY

ELISABETH DEERING HANSCOM, B.A. Boston University 1887, M.A. 1893.

Since receiving her Doctor's degree in 1894, Miss Hanscom has taught at Smith College, where she has been Professor of English since 1905.

Her dissertation was published in part in the publications of the Modern Language Association of America in 1894,

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under the title "The Argument of the Vision of Piers Plowman."

She has also published the following: "The Friendly Craft," Macmillan Company, 1908; "The Heart of the Puritan," Macmillan Company, 1917; and the second part of "Henry IV," edited for the Tudor Shakespeare, 1912.

### MARY AUGUSTA SCOTT, B.A. Vassar College 1876, M.A. 1882.

Miss Scott, the first woman fellow at Yale, received her Doctor's degree in 1894. In 1897 she began her teaching at Smith College, where she was Professor of English Language and Literature from 1902 until her death.

Her dissertation, entitled "Elizabethan Translations from the Italian," was published in 1915 by Houghton, Mifflin Company, as one of the Semi-Centennial Publications of Vassar College.

She was also the author of "Hugh Scott, an Immigrant of 1670, and His Descendants"; "The Book of the Countyer, a Possible Source of Benedick and Beatrice"; "The Essays of Francis Bacon," with introduction and notes and index; "The Italian Novella."

Miss Scott died in 1918.

### LAURA JOHNSON WYLIE, B.A. Vassar College 1877.

Miss Wylie received her Doctor's degree in 1894. Since 1897 she has been at Vassar College, where she is Professor of English and head of the department.

She has held various public positions in Poughkeepsie in addition to administrative work at Vassar.

Her dissertation, "Studies in the Evolution of English Criticism," was published in 1894, by Ginn & Company, Boston.

She has also edited the following: "The Sir Roger de Coverley Papers, from *The Spectator*," 1900; "The Winter's Tale" in the Tudor Shakespeare, 1912; "Social Studies in English Literature," Vassar Series, 1915; and "Adam Bede," 1917.

### MARTHA ANSTICE HARRIS, M.A. Lincoln College 1894.

Miss Harris received her Doctor's degree in 1896. Since 1901, she has been Professor of English Language and Literature and Dean of Elmira College, Elmira, New York. She also holds various public positions: President of the Martinsburg Free Library since 1916, Chairman of the Chemung County Committee of the League of Nations since 1919; and, during the present year, member of the Club House Committee of the Association of Collegiate Alumnae. She is also an occasional lecturer on current affairs and on literature.

Her dissertation, "A Glossary of the West Saxon Gospels.

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Latin-West Saxon and West Saxon-Latin," was published in 1899, as *Yale Studies in English*, No. 6.

She also published, in 1911, "House of Happiness."

### ALICE ELIZABETH SAWTELLE (Mrs. Herbert Randall), B.A. Colby University 1888.

Miss Sawtelle received her Doctor's degree in 1896, and the same year she married Herbert Randall. She became an active member of various organizations, among them the Hartford College Club, of which she was President.

Her dissertation, entitled "The Sources of Spenser's Classical Mythology," was published in 1896, by Silver, Burdett & Company, Boston.

She also published a book of poems in collaboration with her sister.

Mrs. Randall died in 1909.

### ANNA HUNT BILLINGS, B.L. Smith College 1891.

Upon receiving her Doctor's degree in 1898, Miss Billings taught English for a year at the High School in Redlands, California. During the year 1902-1903, she taught German and English at the High School in Long Beach, California. From 1904 to 1909 she taught English at the State Normal School in San Diego, California. In recent years she has interested herself in social and educational work.

Her dissertation was published in 1901, as *Yale Studies in English*, No. 9, under the title "A Guide to the Middle English Metrical Romances Dealing with English and Germanic Legends, and with the Cycles of Charlemagne and of Arthur."

Her permanent address is in care of General Delivery, New York City.

### LAURA EMMA LOCKWOOD, B.A. University of Kansas 1891, M.A. 1894.

Miss Lockwood received her Doctor's degree in 1898. Since 1900 she has been Associate Professor of English Language at Wellesley College.

Her dissertation was published in 1907 by the Macmillan Company, entitled "Lexicon to the English Poetical Works of John Milton."

She has also edited "Specimens of Letter-Writing," 1910; "Milton's Areopagitica," 1911; and "English Sonnets," 1915.

### BERTHA ELLEN LOVEWELL (Mrs. George L. Dickinson), B.L. Washburn College 1889.

Upon receiving her Doctor's degree in 1898, Miss Lovewell taught in the English department of the Hartford Public High

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School until 1903. She has also been a leader and organizer of Women's Clubs in Hartford, Pasadena, and Los Angeles.

On September 3, 1903, she married George Lyman Dickinson. They have two sons: John Lovewell Dickinson and George Lyman Dickinson, Jr.

Her dissertation entitled "The Life of Saint Cecilia, from MS. Ashmole 43 and MS. Cotton Tiberius E. VII," with Introduction, Variants, and Glossary, was published in 1898, as Yale Studies in English, No. 3.

She has also published about twenty-five analytical programs in literary subjects for the use of clubs and classes.

Her present address is 392 East California Street, Pasadena, California.

## MARGARET POLLOCK SHERWOOD, B.A. Vassar College 1886.

Upon receiving her Doctor's degree in 1898, Miss Sherwood became Associate Professor of English Literature at Wellesley College. In 1912 she was promoted to her present position, that of Professor of English Literature. She has this year been made Chairman of the English Literature department.

Her dissertation, entitled "Dryden's Dramatic Theory and Practice," was published in 1898, as Yale Studies in English, No. 4.

She has also published the following: "Henry Worthington," Macmillan Company, 1899; "Daphne, An Autumn Pastoral," Houghton, Mifflin Company, 1903; "Story of King Sylvain and Queen Aimée," Macmillan Company, 1904; "The Coming of the Tide," Houghton, Mifflin Company, 1905; "The Princess Pourquoi," Houghton, Mifflin Company, 1907; "The Worn Doorstep," Little, Brown & Company, 1916; and "Familiar Ways," Little, Brown & Company, 1917. Among her contributions to magazines are: "The Deserted Temple," *Atlantic Monthly*, 1916, and "Vital Study of Literature," *Educational Review*, March, 1919.

## CAROLINE LOUISA WHITE, B.A. Mount Holyoke College 1894.

Miss White received her Doctor's degree in 1898.

From 1901 to 1903 she was Professor of English at the French-American College of Springfield, Massachusetts.

Her dissertation, entitled "Ælfric: A New Study of His Life and Writings," was published in 1898, as Yale Studies in English, No. 2.

Miss White died in 1905.

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### ELISABETH WOODBRIDGE (Mrs. Charles G. Morris), B.A. Vassar College 1892.

Upon receiving her Doctor's degree in 1898, Miss Woodbridge taught English for a year at Vassar College. In 1899 she married Charles Gould Morris, B.A. Yale 1895, LL.B. 1897.

They have six children: Laura Wylie, Woodbridge Edward, Martha Cartwright, Daniel Luzon, Charles Lester, and Elisabeth Woodbridge.

Her dissertation, entitled "Studies in Jonson's Comedy," is published as Yale Studies in English, No. 5.

She has also published the following: "The Drama: Its Law and Its Technique," Lamson, Wolfe & Company, 1898; "Expository Writing," Holt & Company (In collaboration with Dr. Gertrude Buck); "Narrative Writing," Holt & Company (In collaboration with Dr. Gertrude Buck); "The Jonathan Papers," Houghton, Mifflin Company; "More Jonathan Papers," Houghton, Mifflin Company; "Days Out," Houghton, Mifflin Company; and various articles in magazines.

Her present address is 230 Prospect Street, New Haven, Connecticut.

### ELLA ISABEL HARRIS, B.A. Waynesburg College 1889, M.A. 1892.

Upon receiving her degree in 1899, Miss Harris became Instructor at Vassar College. From 1900 to 1916 she was head of the department of English at the Washington State Normal School. Since 1917 she has been Associate Professor of English at Elmira College, Elmira, New York.

Her dissertation, "Two Tragedies of Seneca Rendered into English Verse," with an Introduction, was published, without the Introduction, by Lamson, Wolfe & Company, Boston, in 1898; was republished by Houghton, Mifflin Company in 1899; and was included in "The Tragedies of Seneca Rendered into English Verse," Henry Frowde, London, 1904.

### IRENE TANNER MYERS, M.A. Bethany College 1889.

Upon receiving her Doctor's degree in 1900, Miss Myers became Executive Secretary and Lecturer at the Boston Sloyd Training School for three years. From 1904 to 1916 she was Dean of Women and Professor of History at Transylvania College in Lexington, Kentucky. Since 1916 she has been Dean of Women and Associate Professor of History at Occidental College, Los Angeles, California.

In addition, Miss Myers has held the following offices: Kentucky representative on the Public Archives Commission; Member of the South Central Y. W. C. A. Committee; Chair-

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man, Deans of Women of the South; Vice-President, Southern Association of College Women; Sectional Vice-President, Association of Collegiate Alumnae; Councillor, Association of Collegiate Alumnae; President, College Women's Club, Central Kentucky; Secretary, Education Department, Kentucky Federated Clubs; and Interdenominational delegate on Commission to South America.

Her dissertation, "A Study in Epic Development," was published in 1901, as *Yale Studies in English*, No. 11.

### MARTHA HALE SHACKFORD, B.A. Wellesley College 1896.

Upon receiving her Doctor's degree in 1901, Miss Shackford was for five years Instructor in English at Wellesley. In 1906 she was promoted to Associate Professor, and in 1918 to her present position, that of Professor in the same department.

Her dissertation was published in 1904, in the Publications of the Modern Language Association of America, as "A Definition of the Pastoral Idyll."

She has also published the following: "Yale University Prize Poems," 1898; "A First Book of Poetics," 1906; "European Literature"; "English Literature in the Nineteenth Century"; and "Composition, Rhetoric, Literature." (With Margaret Judson).

She has edited the following: Spenser's "Faerie Queene," Book I; Macaulay's "Lays of Ancient Rome"; Shakespeare's "As You Like It"; "Legends and Fables from Mediæval Literature"; "Syllabus of Lectures on the History of English Literature"; and "Chaucer: Selected References."

She has also written book reviews and verses, and studies of men of letters, and contributed various papers to educational journals and to the "Contributor's Club."

### MARGARET SWEENEY, B.A. Radcliffe College 1899.

Miss Sweeney received her Doctor's degree in 1901. In 1912 she became Professor of Rhetoric and Dean of Women at the University of Minnesota. In 1917 she resigned this position on account of illness.

Her dissertation is entitled "Patience, a Middle English Poem in the West Midland Dialect of the Fourteenth Century," edited with Introduction, Notes, and Glossary.

Her present address is 17 Regent Circle, Brookline, Massachusetts.

### ALICE LINCOLN WRIGHT, B.A. Wellesley College 1897.

Miss Wright received her Doctor's degree in 1901. From

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1908 to 1912 she taught in the Dwight School of New Haven. In 1912 she changed to her present position, that of teacher in the New Haven State Normal School.

Her dissertation is entitled "A Study of Ben Jonson's Catiline, with Special Reference to Its Sources."

Her present address is 128 York Street, New Haven, Connecticut.

### MARGARET ROOKER BRADSHAW (Mrs. Francis Elmer Bradshaw) M.A. Vanderbilt University 1893.

Upon receiving her Doctor's degree in 1902, Mrs. Bradshaw went to Smith College as Instructor in English. In 1910 she was promoted to her present rank, that of Associate Professor.

Mrs. Bradshaw has one daughter, Frances Margaret Bradshaw, born in 1895.

Her publications include "Critical Essays on Poetry and Fiction," and "A Study of the Metre of the Phoenix," published in the *American Journal of Philosophy* in 1894.

Her present address is 267 Crescent Street, Northampton, Massachusetts.

### EMILY HOWARD FOLEY (Mrs. Allyn K. Foster), B.A. Wellesley College 1893.

Miss Foley received her Doctor's degree in 1902. She was married the same year to Rev. Allyn King Foster, M.A. Yale University 1901.

She has two children, Allyn K. Foster, Jr., born 1905, and Cicely Foster, born in 1907.

In 1915 she served as a member of the School Committee of Worcester, Massachusetts.

Her dissertation, "The Language of the Northumbrian Gloss to the Gospel of Saint Matthew," was published in part in 1903, as Yale Studies in English, No. 14.

Her present address is 8 Polhemus Place, Brooklyn, New York.

### SUSAN SMITH SHERIDAN, B.A. University of Omaha 1897.

Since receiving her Doctor's degree in 1903, Miss Sheridan has taught in the Hillhouse High School, New Haven, Connecticut, as head of the department of English.

Her dissertation is entitled "Glossary of the Anglo-Saxon Ritual of the Cathedral Church of Durham."

She has edited the following: "Macaulay's Byron"; "Selections from Edwin Arnold"; and "Selected Essays of Matthew Arnold."

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### AURELIA ISABEL HENRY, (Mrs. George F. Reinhardt), B.L. University of California 1898.

Miss Henry received her Doctor's degree in 1905. In 1909 she married Dr. George F. Reinhardt, Professor of Hygiene in the University of California. Professor Reinhardt died in 1914, and Mrs. Reinhardt became University Extension Lecturer in the University of California.

She also kept up a number of outside activities. She was a member of the Town and Gown Club of Berkeley, of the Pytanean and English Club of the University of California, a chapter regent of the Daughters of the American Revolution, and a life member of the Association of Collegiate Alumnae.

In 1916 Mrs. Reinhardt was appointed to her present office, the Presidency of Mills College, Oakland, California.

Her dissertation, entitled "Epiccene, or, The Silent Woman, by Ben Jonson," edited with Introduction, Notes, and Glossary, was published in 1906, as *Yale Studies in English*, No. 31.

She has also published "Responsibility of the High School for American Ideals," *National Educational Association*, 1917.

### MARGARET DUTTON KELLUM, B.A. Bryn Mawr College 1892.

Miss Kellum received her Doctor's degree in 1905. In 1915 she was Law Librarian in Brooklyn. No reply, however, has been received from a series of letters addressed to her at 163 Joralemon Street, Brooklyn, New York, her last recorded address.

Her dissertation, entitled "The Language of the Northumbrian Gloss to the Gospel of St. Luke," was published in 1906, as *Yale Studies in English*, No. 30.

### MARY ELIZABETH MACLEAN, Ph.B. University of California 1889.

Miss MacLean received her Doctor's degree in 1905. In 1908 she did educational work in Baroda, India. Since 1913 Miss MacLean has been abroad, but is expected to return to Ithaca this fall.

Her dissertation is entitled "The Jeremy Collier Controversy."

Her permanent address is The Greycourt, Ithaca, New York.

### MARIAN DICKINSON CAMPBELL (Mrs. Alfred H. Terry), B.A. Radcliffe College 1899.

Miss Campbell received her Doctor's degree in 1907, and in the same year married Alfred Howe Terry, Yale 1898.

Her dissertation is entitled "A Variorum Text of the Satires of John Donne, together with Some Account of the Manuscript,

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and Explanatory Notes and Illustrations from the Literature of the Period."

Her present address is Penfield Lane, Fairfield, Connecticut.

**MABLE ELECTA BULAND** (Mrs. George N. Campbell), B.A. University of Washington 1904, M.A. 1908.

Upon receiving her Doctor's degree in 1909, Miss Buland became Professor of English at the University of Puget Sound for the year 1909-1910. During 1910-1911 she was Instructor in English at Whitman College.

On October 7, 1911, she married George Norman Campbell. In 1915-1916 Mrs. Campbell was City Superintendent of Schools in Kalama, Washington. Her son, George Buland, was born February 8, 1917.

Her dissertation, "The Presentation of Time in the Elizabethan Drama," was published in 1912, as Yale Studies in English, No. 44.

Her present address is Kalama, Washington.

**JOSEPHINE MAY BURNHAM**, Ph.B. University of Chicago 1901.

Upon receiving her Doctor's degree in 1910, Miss Burnham was for three years Instructor in English at Wellesley College. In 1913 she was promoted to Associate Professor of Rhetoric and Composition. In 1915 she left Wellesley to accept her present position, that of Assistant Professor of English at the University of Kansas.

Her dissertation, entitled "Concessive Constructions in Old English Prose," was published in 1911, as Yale Studies in English, No. 39.

**ELIZABETH WHITTLESEY CLEAVELAND**, Ph.B. University of Chicago 1902.

Since receiving her Doctor's degree in 1910, Miss Cleaveland has been teacher of English in the New Haven High School.

Her dissertation was published in 1911, as Yale Studies in English, No. 43, under the title "A Study of Tindale's Genesis Compared with the Genesis of Coverdale and of the Authorized Version."

In 1916 Miss Cleaveland published "Future Auxiliaries in English."

**ELIZABETH MERRILL** (Mrs. Albert S. Cook), B.A. University of Cincinnati 1900, M.A. 1905.

Miss Merrill received her Doctor's degree in 1910.

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On June 7, 1911, she married Professor Albert S. Cook of Yale University.

Her dissertation, "The Dialogue in English Literature," was published in 1911, as Yale Studies in English, No. 42.

Her present address is 219 Bishop Street, New Haven, Connecticut.

### MARY WINSLOW SMYTH, B.L. Smith College 1895, M.A. 1905.

Miss Smyth received her Doctor's degree in 1910. From December, 1919, to March, 1920, she was examiner in the United States Employment Service.

Her dissertation, entitled "Biblical Quotations in Middle English Literature before 1350," was published in 1911, as Yale Studies in English, No. 41.

Her present address is 54 Trumbull Street, New Haven, Connecticut.

### ALICE MAUD BARBOUR, B.S. Wellesley College 1893, M.A. George Washington University 1910.

Upon receiving her Doctor's degree in 1913, Miss Barbour became Instructor of Collegiate English and Supervisor of Publications at Mary Baldwin Seminary, Staunton, Virginia, where she remained until 1916.

Since 1917 she has held her present position of Instructor in English at Smith College.

Her dissertation is entitled "Sir Thomas North, an Elizabethan Translator: A Study of his Translation of Plutarch's Parallel Lives from the French Version of Jacques Amyot."

### EMMA CURTISS TUCKER, B.A. Mount Holyoke College 1896.

After receiving her Doctor's degree in 1913, Miss Tucker was Dean of Women and Assistant Professor of English at Olivet College for one year. In 1915 she went to Goucher College as Instructor in English. In 1917 she was promoted to Assistant Professor.

Her dissertation, "The Later Version of the Wycliffite Epistle to the Romans, Compared with the Latin Original: A Study of Wycliffite English," was published in 1914, as Yale Studies in English, No. 49.

### ROSE ABEL (Mrs. Albert B. Wright), B.A. University of Kansas 1901.

Miss Abel completed her residence work for the Doctor's degree in 1910, and received her degree in 1914.

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In 1912 she married Albert Byard Wright. She has one child.

Her dissertation entitled "The Political Play of the Restoration," was published by A. E. Veach, Montesano, Washington, in 1916.

Her present address is 811 North M Street, Aberdeen, Washington.

**ELEANOR N. ADAMS, B.A. University of Cincinnati 1902, M.A. 1904.**

Miss Adams received her Doctor's degree in 1914. In 1915 she was called as Professor of English to Oxford College for Women, Oxford, Ohio, and since 1918 has filled the office of President of that institution.

Her dissertation, entitled "Old English Scholarship in England from 1566 to 1800," was issued in 1916, as Yale Studies in English, No. 55.

**FLORENCE MAY SNELL, Ph.B. Oberlin College 1893, M.A. 1898..**

Since receiving her Doctor's degree in 1914, Miss Snell has been Professor of English Literature and head of the department of English at Huguenot University College (University of South Africa). She has also been a member of the University Council of the University of South Africa.

Her dissertation, "A Tale of a Tub, by Ben Jonson," edited with Introduction, Notes, and Glossary, was published in 1915, by Longmans, Green & Company, London, England.

**MARY EMMA WADLINGTON, B.A. University of Mississippi 1902.**

Miss Wadlington received her Doctor's degree in 1914. Since 1916 she has been head of the department of English in the National City High School in National City, California.

Her dissertation is entitled "Mrs. Frances Sheridan, Her Life and Works; Including a Study of Her Influence on Richard Brinsley Sheridan's Plays, and an Edition of Her Comedy, The Discovery."

**MARJORIE LATTA BARSTOW (Mrs. Sydney Greenbie), B.A. Cornell University 1912.**

Upon receiving her Doctor's degree in 1916, Miss Barstow taught for a year at the Connecticut College for Women, New London. From 1917 to 1919 she was Director of Pageantry for the Methodist Centenary Committee.

On May 24, 1919, she married Sydney Greenbie. They have one son, Barstow Greenbie.

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During the year 1919-1920 Mrs. Greenbie has been Associate Editor of the *World Outlook*.

Her dissertation, entitled "The Development of Wordsworth's Poetic Diction before 1800," was printed in 1917 by the Tuttle, Morehouse & Taylor Company, New Haven.

She has also published a series of travel sketches: "Carranza's Mexico," in the *Yale Review*; "The World is Hers," in the *Green Book*; and "Chinese Versions of English Classics," in *The Bookman*.

Her present address is 146 Riverside Drive, New York City.

### ALICE EDNA GIPSON, B.A. University of Idaho 1905.

Since receiving her Doctor's degree in 1916, Miss Gipson has taught English at the New Haven High School.

Her dissertation, "John Home—His Life and Works," was published in 1917 by the Caxton Printers, Caldwell, Idaho.

Her present address is 102 York Square, New Haven, Connecticut.

### CAROLINE MABEL GOAD, B.A. University of Toronto 1899, M.A. 1902.

Upon receiving her Doctor's degree in 1916, Miss Goad became Instructor in English at Wells College, Aurora, New York. Since 1918 she has been Associate Professor in the same department.

Her dissertation, entitled "Horace in the English Literature of the Eighteenth Century," was published in 1918, as Yale Studies in English, No. 58.

### ELLA PARDEE WARNER, Ph.B. Wesleyan University 1906, M.S. 1907.

Since receiving her Doctor's degree in 1916, Miss Warner has taught English at the Hillhouse High School, New Haven.

Her dissertation is entitled "A History of Walt Whitman's Reception in the British Isles."

Her present address is 914 Dixwell Avenue, New Haven, Connecticut.

### CLARA FRANCES MC INTYRE, B.A. Radcliffe College 1900, M.A. Columbia University 1911.

Since receiving her Doctor's degree in 1918, Miss McIntyre has been Associate Professor of English at the University of Wyoming.

Her dissertation, entitled "Ann Radcliffe in Relation to Her Time," is soon to be published in the *Yale Studies in English*.

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She has also written articles, published in *Poet Lore*, *Modern Language Publications*, and the *English Journal*, and has published several short stories.

### MARY MEGIE BELDEN, B.A. Oberlin College 1903.

Upon receiving her Doctor's degree in 1919, Miss Belden became Professor of English at Lake Erie College, Painesville, Ohio.

Her dissertation is entitled "The Dramatic Work of Samuel Foote."

## MASTERS OF ARTS

### JESSIE MARIUM KELLY, B.A. Oberlin College 1899, M.A. 1905.

Upon receiving her Master's degree in 1917, Miss Kelly became Instructor in English at Tsing Hua College, Peking, China.

Her Master's essay is entitled "Thackeray's Plots."

### MARGARET EVELYN CURTIS, B.L. Mills College 1917.

Miss Curtis received her Master's degree in 1919. She is now teacher of English and Physical Director of the Dawson County High School, Glendive, Montana.

Her Master's essay is entitled "A Study of the Plots and Construction of Jane Austen's Novels." She has also written "The Sea Urchin," published in the *Argus Magazine*, and "Cinderella à la Mode," which appeared in *Young's Magazine*.

# *History*

CHARLES McLEAN ANDREWS

THE facts regarding women's work in the Graduate Department of Yale University are now a matter of record covering twenty-five years. During that time twelve women have received the Doctor's degree in History. Of these, five have printed their dissertations and one more will soon do the same. One has died, two have married and retired from active interest in the subject. Eight have taught history in school or college, and six are continuing to do so. To sum up, two of the twelve are investigators, four more are teachers, and the remaining six have withdrawn from all connection with historical work, the one who has died having done so some years before her death. This record does not differ materially from that furnished by other institutions or from that of Bryn Mawr College, where I taught graduate students for eighteen years.

With this evidence before us, it is not unreasonable to conclude that the majority of women, whose interest lies in the historical field, should be urged to attempt no more than one or two years of graduate study, for the purpose of familiarizing themselves with graduate methods and the handling of historical materials. The M.A. degree, for which two years are required, is a sufficient qualification for those who have no other aim than to teach, and it should be so recognized by colleges, preparatory schools, and school superintendents. On the other hand, those with special aptitude and enthusiasm,

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who are possessed of a fixed determination to make investigation a part of their life-work and have proved themselves competent to do so, may well be encouraged and aided to go on to the Doctor's degree.

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**SARA BULKLEY ROGERS, B.A. Columbia University 1889, M.A. Cornell University 1891.**

Upon receiving her Doctor's degree in 1894, Miss Rogers spent a year at Oxford, and several years thereafter in Germany, France, and Italy. For five years she studied the public records of Brooklyn and New York for facts bearing on the "Arrears Act" of 1882.

Her dissertation is entitled "The Rise of Civil Government and Federation in Early New England."

She also published the following: "Life's Way," 1897; and "Ezra Hardman, and Other Stories," 1900.

Miss Rogers died in 1907.

**MARIA LOUISE GREENE, B.A. Vassar College 1891, M.Pd. New York University 1909.**

Miss Greene received her Doctor's degree in 1895. During the year 1909-1910 she was Investigator on School Gardens for the Russell Sage Foundation. In 1910 she began her work as Supervisor of School Gardens, acting in that capacity for Trinity Church, New Haven, in 1910-1911; for the New Haven Orphan Asylum from 1911 to 1914; also for the New Haven Civic Federation in 1914, and for the New Rochelle Board of Education and the New Rochelle Branch of the National Plant, Flower, and Fruit Guild from 1912 to 1914. From 1911 to 1915 she worked at the Mystic Oral School for the Deaf.

Her dissertation, under the title "The Development of Religious Liberty in Connecticut," was published in 1905 by Houghton, Mifflin Company, Boston. She has also published "The Palatines as Founders and Patriots," 1904; "Among School Gardens," Russell Sage Foundation Publications, 1910; and various magazine articles.

Her present address is 25 Clift Street, Mystic, Connecticut.

**SARAH MARGARET SHERRICK, Ph.B. Otterbein University 1889.**

Miss Sherrick received her Doctor's degree in 1896. Since

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1903 she has been Professor of English Literature at Otterbein College, Westerville, Ohio.

Her dissertation is entitled "The Despotism of Richard II."

### AGNES HUNT, B.A. Smith College 1897.

Upon receiving her Doctor's degree in 1900, Miss Hunt taught for three years as Instructor in the College for Women at Western Reserve University. During the year 1903-1904 she was Instructor, and in 1904-1905 Associate Professor, at Wells College, Aurora, New York. In 1906 she went to Smith College as an Instructor, where she was Associate Professor of History from 1910 to 1919.

Her dissertation was published in 1904 by the Press of Winn & Judson, Cleveland, under the title "The Provincial Committees of Safety of the American Revolution."

Her present address is 263 North Bay Street, Manchester, New Hampshire.

### MARY CORNWALL HEWITT (Mrs. Sydney K. Mitchell), B.A. Smith College 1897.

Miss Hewitt received her Doctor's degree in 1901. From 1906 to 1909 she was head of the department of History at Lake Erie College, Painesville, Ohio.

In 1909 she married Sydney K. Mitchell, Ph.D. Yale University 1907, now Professor of History at Yale. They have one son, John Hewitt Mitchell.

Her dissertation is entitled "The Political Philosophy of the American Revolution."

Her present address is 273 Norton Street, New Haven, Connecticut.

### JESSIE MAY LAW, B.A. University of Nebraska 1894.

After receiving her Doctor's degree in 1901, Miss Law was head of the History department of the New Britain High School for three years. Since 1904 she has held the same position in the Central High School at Springfield, Massachusetts.

Her dissertation is entitled "Cromwell's Major Generals."

Her present address is 26 Greenleaf Street, Springfield, Massachusetts.

### LUCY ELIZABETH TEXTOR, Ph.B. University of Michigan 1894, M.A. Leland Stanford Junior University 1895.

Upon receiving her Doctor's degree in 1904, Miss Textor taught History at the Hillhouse High School, New Haven,

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for one year. In 1905 she went as Instructor to Vassar College, where she was promoted to Assistant Professor in 1913, and to her present position of Associate Professor in 1915.

Her dissertation, "A Colony of *Emigrés* in Canada, 1798-1816," was published in 1905, as University of Toronto Studies, History and Economics, Vol. 3, No. 1.

Her Master's essay, "The Official Relations Between the Sioux Indians and the United States," was published in the Leland Stanford Junior University publications.

### ANNIE HELOISE ABEL, B.A. Kansas University 1898, M.A. 1900.

Since receiving her Doctor's degree in 1905, Miss Abel has held the following academic positions: Wells College, Instructor in History during the year 1905-1906; Woman's College of Baltimore, now known as Goucher College, 1906-1908, Instructor in History; 1908-1914, Associate Professor, and 1914-1915, Professor and head of department of American History. In 1915 she went to Smith as Associate Professor of History, becoming Professor of History there in 1916.

Her extra-curriculum activities include the Presidency of the Maryland Branch of the College Equal Suffrage League from 1913 to 1915.

Her dissertation was published in the Annual Report of the American Historical Association in 1906, under the title "The History of Events Resulting in Indian Consolidation West of the Mississippi," and was awarded the Justin Winsor Prize.

Further than that she has published the following: "Indian Reservations in Kansas and the Extinguishment of Their Titles," *Kan. Hist. Colls.*, 1905; "Proposals for an Indian State in the Union, 1778-1878," *Annual Report, Amer. Hist. Assoc.*, 1907; "Brief Guide to Points of Historical Interest in Baltimore City," 1908; "The Indians in the Civil War," *Amer. Hist. Review*, 1910; "A New Lewis-and-Clark Map," *Geographical Review*, 1916; and "Slave-Holding Indians," Vols. I and II, published in Cleveland in 1915 and 1918.

### ETHEL ZIVLEY RATHER (Mrs. Ernest J. Villavaso), B.A. University of Texas 1902, M.A. 1903.

Miss Rather received her Doctor's degree in 1908. During the year 1911-1912 she was Director of Women's Religious Work at Columbia University.

In 1915 she married Ernest Joseph Villavaso, Professor in the University of Texas. They have one son, Ernest Joseph Villavaso, Jr., born in 1918.

Her dissertation, entitled "Recognition of the Republic of Texas by the United States," was published in 1910 in *The Quarterly* of the Texas State Historical Association.

Her present address is 3105 Duval Street, Austin, Texas.

## YALE UNIVERSITY

### HELEN LOUISE YOUNG, B.A. Cornell University 1900.

Upon receiving her Doctor's degree in 1910, Miss Young was Instructor at Hunter College of the City of New York for five years. In 1915 she was promoted to an Assistant Professorship, and in 1918 to an Associate Professorship in the department of History in the same college.

Her dissertation is entitled "A Study of the Constitutional Convention of New York State in 1821."

### BESSIE DEAN COOPER, Ph.B. Cornell University 1897.

Miss Cooper received her Doctor's degree in 1911. Her work has been at Hunter College of the City of New York, where she is now Assistant Professor of History.

Her dissertation is entitled "France under Richelieu, Seen from the English Embassy."

### MARY GERTRUDE YOUNG, B.A. Cornell University 1898, M.A. University of Wisconsin 1908.

Upon receiving her Doctor's degree in 1914, Miss Young became Professor of History and Economics at Oxford College, Oxford, Ohio, where she has been until the present year. In 1920 she began editorial and research work in History in the Bureau of National Literature, New York City.

Her dissertation is entitled "Management of the Whig Party under Sir Robert Walpole, 1715-1742."

### VIOLA FLORENCE BARNES, B.M. University of Nebraska 1906, B.A. 1909, M.A. 1910.

Upon receiving her Doctor's degree in 1919, Miss Barnes accepted her present position of Instructor in History at Mount Holyoke College, South Hadley, Massachusetts.

Her dissertation, entitled "The Andros Administration in New England," is soon to be published.

## MASTER OF ARTS

### HELEN HERRON TAFT, B.A. Bryn Mawr College 1915.

Upon receiving her Master's degree in 1917, Miss Taft became Dean of Bryn Mawr College. During the year 1919-1920 she has been Acting President of the College.

Her essay is entitled "British Policy toward Australia, 1768-1823."

She has published various articles in periodicals.

## *Social and Political Science*

CLIVE DAY

THE records of the Department of Social and Political Science have on their rolls the names of but three women who have carried to completion their graduate work. Certain considerations explain to my mind the extraordinarily small proportion of women among the students of the department in the past, and give reason to believe that the number of women students will increase greatly in the future.

The subject has been one which in the world of practical affairs used to be restricted, both in public and in private life, almost altogether to men. The spread of woman suffrage indicates a fundamental change in the situation as regards public interests. The vote for women has become the rule. The holding of office by women is no longer exceptional. On the contrary, there is a growing recognition of the importance of obtaining in some branches of administration, notably in education and in the varied activities of the work for social welfare, contributions which women are even better qualified to make than men.

In the world of business and the professions there has been a movement in the same direction, which in recent years has been even more marked in its rate of progress. The demand for trained experts has been insistent, and sex has been no bar to anyone qualified for the work. Higher education has proved its value in practical affairs, and the woman who has the knowledge guaranteed by the possession of the

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Doctor's degree, whether in sociology, in economics, or in politics, need no longer fear the competition of men graduated from the business college.

The number of women pursuing advanced studies in the department of Social and Political Science has increased greatly in the state universities of the West, and will increase at Yale as the binding force of old traditions grows less, and the opportunities offered here to women in this field are better appreciated.

## DOCTORS OF PHILOSOPHY

### MARY GRAHAM, Ph.B. Wesleyan University 1889.

Miss Graham received her Doctor's degree in 1895.

Her dissertation is entitled "The Relations between Education and Poverty."

Her present address is care of the Secretary of Yale University.

### KATE HOLLADAY CLAGHORN, B.A. Bryn Mawr College 1892.

Miss Claghorn received her Doctor's degree in 1896. From 1898 to 1900 she acted as Secretary-Treasurer of the Association of Collegiate Alumnae. From 1900 to 1901 she was Expert in the United States Industrial Commission, and in 1901-1902 was research worker for the *Economic Year Book*. In 1902 she worked in the Division of Methods and Results, United States Census; in 1902-1906 she was Assistant Registrar, and in 1906-1912, Registrar, of the Tenement House Department of New York City. Since 1912 she has been head of the Research Department of the New York School of Social Work.

Her dissertation is entitled "Law, Nature, and Convention: A Study in Political Theory." She has also written "Juvenile Delinquency in Rural New York," issued as Children's Bureau Publication, No. 32.

### SARAH SCOVILL WHITTELSEY (Mrs. Percy T. Walden), B.A. Radcliffe College 1894.

Miss Whittelsey received her Doctor's degree in 1898. During the year 1902-1903 she was Instructor in Economics at Wellesley College.

## ALUMNAE GRADUATE SCHOOL

In 1905 she married Percy T. Walden, Ph.D. Yale 1896, now Professor of Chemistry in the University. They have two children, Sarah Scovill, born in 1906, and Joseph Whittelsey, born in 1911.

Since 1914 Mrs. Walden has served on the New Haven Board of Education.

Her dissertation was published in 1901, in the Annals of the American Academy of Political and Social Science, Supplement 1, under the title "Massachusetts Labor Legislation: An Historical and Critical Study."

Her present address is 210 St. Ronan Street, New Haven, Connecticut.

# *Philosophy, Psychology and Education*

CHARLES MONTAGUE BAKEWELL

WOMEN trained in philosophy and psychology have hitherto had to look almost exclusively to the women's colleges for professional employment. That field is constantly widening, with the growth and the expansion of colleges for women. But new opportunities are now opening up in co-educational colleges and in the normal schools, which are more and more appointing women on their faculties—a natural development in educational policy that is being accelerated by the increasing difficulty in filling the vacancies that occur with competently trained men of first-rate ability. The recent successful application of psychology, especially in the field of mental tests, in the army, in industry, in the schools, and in social welfare work, has created an unprecedented demand for trained psychologists, women as well as men.

Education has this year been made a separate department in the Graduate School, and Professor Frank E. Spaulding, lately Superintendent of Schools of Cleveland, has been called to undertake its organization. The work of teaching in the public schools of America is, and must remain, chiefly in the hands of women. Yale now offers graduate courses in school administration, in educational measurement and statistics, and in the problem of educationally exceptional children. The University

## ALUMNAE GRADUATE SCHOOL

Psycho-Clinic provides training in clinical and school psychology. There is an increasing demand for women experts and leaders in these various fields. Special facilities are also offered for the study of religious education. Miss Catherine T. Bryce has been appointed Assistant Professor to take charge of the work in elementary school education.

## DOCTORS OF PHILOSOPHY

### ANNA ALICE CUTLER, B.A. Smith College 1885, M.A. 1889.

Miss Cutler received her Doctor's degree in 1896. From 1897 to 1899 she was Instructor in English at Smith College. In 1899 she changed to the department of Philosophy, where she was Instructor until 1902, when she became Assistant Professor. Since 1905 she has been Professor of Philosophy.

Her dissertation was published in *Kantstudien*, 2, in Hamburg, 1898, under the title "The Ästhetical Factors in Kant's Theory of Knowledge." She has also written various book reviews for the *Philosophical Review*.

### THEODATE LOUISE SMITH, B.A. Smith College 1882, M.A. 1884.

Upon receiving her Doctor's degree in 1896, Miss Smith taught for a year at the Mount Vernon Seminary. From 1902 to 1909 she was Research Assistant to President Hall at Clark University, working under a Carnegie and an Estabrook grant and spending several months in study at the University of Berlin.

From 1909 until her death, Miss Smith was Lecturer and Librarian of the Children's Institute of Clark University, where she assembled a valuable collection of child welfare material.

Her dissertation was published in 1896, in the *American Journal of Psychology*, under the title "On Muscular Memory." Miss Smith died in 1914.

### BLANCHE ZEHRING, B.S. Ohio Wesleyan University 1890.

Upon receiving her Doctor's degree in 1897, Miss Zehring was for a year Professor of English Literature at Presbyterian College for Women at Columbia, South Carolina. From 1899 to 1903 she was Professor of Philosophy and the New Testament

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at the National Training School in Washington, D. C. The year 1903-1904 she devoted to study in European universities. From 1904 to 1914 she was Professor of Biblical Literature and Semitic History at Wells College, Aurora, New York. During the year 1909-1910 Miss Zehring was occupied in field work in Archaeology in Egypt, Palestine, and Greece. Since 1914 she has combined lecturing and the business of agriculture.

Her dissertation is entitled "The Dependence of the Concept of Duty on Faith in God."

Her present address is 309 East Linden Avenue, Miamisburg, Ohio.

## CLARA MARIA HITCHCOCK, Ph.B. University of Chicago 1897.

Miss Hitchcock received her Doctor's degree in 1900. For twenty years she was Professor of Philosophy and Education at Lake Erie College, Painesville, Ohio. She retired in 1917.

Her dissertation was published by the Macmillan Company in 1903, under the title "The Psychology of Expectation," *The Psychological Review*, Monograph Supplements, No. 20.

Her present address is 1923 East 71st Street, Cleveland, Ohio.

## MARY KENDRICK BENEDICT, B.A. Vassar College 1897.

Upon receiving her Doctor's degree in 1903, Miss Benedict taught at the State Normal School in Warrensburg, Missouri, for three years. From 1906 to 1916 she was President of Sweet Briar College.

In 1916 she entered Johns Hopkins Medical School, and received the M.D. degree in 1919. Since July, 1919, she has been an interne in Bellevue Hospital, New York City.

Her dissertation is entitled "Thought and Being: a Study in Mr. Bradley's Metaphysics."

## MARY ISABEL PARK, B.A. Mount Holyoke College 1893.

Miss Park received her Doctor's degree in 1904. In 1905 she was called to her present position, that of Dean of Women at Heidelberg University, in Tiffin, Ohio.

She was also President of the 1890 Club of Tiffin, Ohio, during the years 1916-1918, and Secretary-Treasurer of Conference of Ohio College Presidents and Deans during 1916-1919.

Her dissertation is entitled "A Study of the Philosophical Basis of Leibniz' Optimism."

She has published occasional articles in newspapers and, in 1911, an address, "What Shall a Woman Study in College?"

## ALUMNAE GRADUATE SCHOOL

### MURIEL BACHELER (Mrs. Edgar B. Dawkins), B.A. Wellesley College 1912.

Miss Bachelor received her Doctor's degree in 1915, and was married the same year to Edgar Bennet Dawkins. They have two children: Thomas Hope, born in 1917, and Richard Bachelor, born in 1918.

Her dissertation, entitled "Mysticism, an Epistemological Problem," was printed in 1916 by the Tuttle, Morehouse & Taylor Company, New Haven, Connecticut.

Her present address is 1224 Sixth Avenue, Fort Worth, Texas.

### HELEN ELIZA WHITNEY (Mrs. Allan G. Fraser), B.A. Wellesley College 1913.

Upon receiving her Doctor's degree in 1917, Miss Whitney became Instructor in Psychology and Mathematics at St. Mary's College, Dallas, Texas, and in 1918-1919 she was also Assistant to the Dean.

On January 1, 1919, she married Allan Grant Fraser.

Her dissertation is entitled "An Experimental Study of the Mechanism of the Aufgabe in Memory."

Her present address is Regent, 2401 West 6th Street, Los Angeles, California.

## MASTER OF ARTS

### MAUDE SCHULTZ LYTHE (Mrs. W. Vernon Lytle), B.L. Bethany College, 1915.

Mrs. Lytle received her Master's degree in 1919.

She has one daughter, Clare Eleanor Lytle, born in May, 1919.

Her Master's essay is entitled "A Survey and Evaluation of Biblical Memory Work in Existing Curricula for the Sunday School."

Her present address is Room 807, 14 Beacon Street, Boston, Massachusetts.

# *Mathematics*

ERNEST WILLIAM BROWN

THE records of those alumnae who have taken the degree of Doctor of Philosophy in mathematics give evidence of good attainments. Not only have they been able to fill positions in various schools and colleges as teachers of mathematics, but they show that the training has been of value in other directions in which a knowledge of mathematics is less essential than the acquirement of facility to apply mathematics and general knowledge to different lines of endeavor. The teaching profession is not overstocked with mathematicians, either men or women, and many good opportunities are open for them at the present time. With the increasing desire for thorough knowledge of the application of mathematics, there is coming also an increasing demand in scientific and industrial work for those who have the requisite knowledge.

## DOCTORS OF PHILOSOPHY

MARGARETTA PALMER, B.A. Vassar College 1887.

Upon receiving her Doctor's degree in 1894, Miss Palmer returned to her work as Computer at the Yale University Observatory, becoming Research Assistant in 1912. Since 1918 she has also been cataloguer at the Yale University Library.

Her dissertation, entitled "Determination of the Orbit of the Comet 1847 VI," was published in 1893, in *Transactions of the Astronomical Observatory of Yale University*, 1.

She has also published: "Definitive Orbit of Comet 1786 D," *Astronomical Journal*, 1918; "Teachers' Notes on Our Book of Worship," Young Churchman Company, Milwaukee, 1914; "Teachers' Notes on the Church Catechism," Morehouse Publishing Company, Milwaukee, 1918; and occasional short articles in astronomical journals and elsewhere.

ALUMNAE GRADUATE SCHOOL  
CHARLOTTE CYNTHIA BARNUM, B.A. Vassar College  
1881.

Upon receiving her Doctor's degree in 1895, Miss Barnum acted for a year as Instructor in Mathematics at Carleton College. In 1898 she began her work as Actuarial Computer for the Massachusetts Mutual Life Insurance Company, and for the Fidelity Mutual Life Insurance Company of Philadelphia in 1900-1901. From 1901 to 1908 she was computer (on tides) for the Geodetic Survey, and from 1908 to 1913, editorial assistant in the Biological Survey, United States Department of Agriculture. Since 1914 she has been acting as editor, proof-reader, and indexer of scholarly works, especially in sciences.

Her thesis is entitled "Functions Having Lines or Surfaces of Discontinuity." She has contributed to *Astronomy*, *Astro-Physics*, *Scientific American Supplement*, and other periodicals, in addition to work included in publications of Government Surveys, and collaboration in various other publications.

Her present address is 523 West 121st Street, New York City.

ELIZABETH STREET DICKERMAN, B.A. Smith College  
1894.

Miss Dickerman received her Doctor's degree in 1896. From that time until 1906, she was occupied with private teaching. During the year 1906-1907 she substituted as Professor of Mathematics at Western Reserve University. From 1907 to 1913 she taught Mathematics and Psychology at Ingleside School. From 1914 to 1917 she was engaged in literary work, acting as Assistant to the Editor of the *Yale Review* in 1917. Since 1917 she has again been occupied with private teaching.

Her dissertation is entitled "Curves of the First and Second Degree in  $x y z$  where  $x y z$  are Conics Having Two Points in Common."

She has translated from the French of Theodore Botrel, "Songs of Brittany," 1915, and "Folk Songs of Brittany," 1918, published by the Four Seas Company, of Boston.

Her present address is 140 Cottage Street, New Haven, Connecticut.

LEONA MAY PEIRCE, B.A. Smith College 1886, M.A.  
1893.

Miss Peirce received her Doctor's degree in 1899. Since 1908 she has been Treasurer of the L. M. Peirce Company, Springfield, Massachusetts.

From 1900 to 1902 she was President of the Western Massachusetts Branch of the Association of Collegiate Alumnae; from 1905 to 1917 she was a member of the School Board of Springfield; from 1906 to 1908, President of the Springfield

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College Club; and from 1914 to 1918, President of the Western Massachusetts Branch of the Alumnae Association of Smith College.

Her dissertation is entitled "On Chain-Differentiants of a Ternary Quantic."

Her present address is 247 Union Street, Springfield, Massachusetts.

### RUTH GOULDING WOOD, B.L. Smith College 1898.

Upon receiving her Doctor's degree in 1901, Miss Wood was for a year an Instructor at Mount Holyoke College. In 1902 she returned to her Alma Mater, Smith College, where she has been Professor of Mathematics since 1914.

Her dissertation was published in 1901, in the *Annals of Mathematics*, series 2, under the title "Correlations of Space which Transform a Non-degenerate Quadric Surface into Itself."

### HELEN ABBOT MERRILL, B.A. Wellesley College 1886.

After receiving her Doctor's degree in 1903, Miss Merrill was Associate Professor at Wellesley College until 1915, when she was promoted to her present position of Professor of Mathematics. In 1906 she was elected to membership in the Phi Beta Kappa Society.

She has also acted as Associate Editor of the *American Mathematical Monthly* since 1916, and has been a member of the Council of the American Mathematical Society since 1917.

Her dissertation, entitled "On Solutions of Differential Equations which Possess an Oscillation Theorem," was published in part in *Transactions of the American Mathematical Society*, 4, in 1903.

She has also published, in collaboration with Clara E. Smith, Ph.D. Yale University 1904, "Selected Topics in College Algebra," in 1914, and "A First Course in Higher Algebra," in 1917.

### CLARA ELIZA SMITH, B.A. Mount Holyoke College 1902.

Miss Smith received her Doctor's degree in 1904. In 1908 she began her teaching at Wellesley College as Instructor in Mathematics, being promoted to her present position of Associate Professor in 1914. During the year 1918-1919 she was Exchange Professor at Goucher College.

Her dissertation was published in part in 1907, in the *Transactions of the American Mathematical Society*, under the title "A Theorem of Abel and its Application to the Development of a Function in Terms of Bessel's Functions."

## ALUMNAE GRADUATE SCHOOL

She has also published, in collaboration with Clara E. Smith, Ph.D. Yale University 1903: "Selected Topics in College Algebra," Norwood Press, 1914, and "A First Course in Higher Algebra," Macmillan Company, 1917.

### EUPHEMIA RICHARDSON WORTHINGTON, B.A.

Wellesley College 1904.

Upon receiving her Doctor's degree in 1908, Miss Worthington taught for a year at the Emma Willard School in Troy, New York. From 1909 to 1918 she was Instructor in Mathematics at Wellesley College. During the year 1918-1919 she was Mathematical Assistant to the Engineer of the Gallaudet Aircraft Corporation, East Greenwich, Rhode Island.

Her dissertation is entitled "Some Theorems on Surfaces."

Her present address is 1460 North Chester Avenue, Pasadena, California.

### MARY SHORE WALKER (Mrs. Albert W. Hull), B.A.

University of Missouri 1903, M.A. 1904.

Upon receiving her Doctor's degree in 1909, Miss Walker taught at the University of Missouri for two years as Instructor in Mathematics.

In 1911 she married Albert Wallace Hull, Ph.D. Yale University 1909. They have two children, Robert Wallace Hull, born in 1917, and Harriet Hull, born in 1919.

Her dissertation is entitled "A Generalized Definition of an Improper Multiple Integral."

Her present address is 106 Waverly Place, Schenectady, New York.

### IDA BARNEY, B.A. Smith College 1908.

After receiving her Doctor's degree in 1911, Miss Barney was Professor of Mathematics at Rollins College, Winter Park, Florida, for the year 1911-1912. From 1912 to 1917, she was Instructor in Mathematics at Smith College. In 1917 she became Professor of Mathematics at Lake Erie College, Painesville, Ohio. In 1919 she changed to her present position, that of Professor of Mathematics at Meredith College, Raleigh, North Carolina.

Her dissertation appeared in the *American Journal of Mathematics* in 1914, under the title "Line and Surface Integrals."

## *Chemistry*

TREAT BALDWIN JOHNSON

CHEMISTRY, in several of its branches, offers many attractive fields for specialization by women, and the Department of Chemistry is prepared to give assistance to women who are properly qualified, and encourages such students to register in the special advanced courses in Chemistry leading to the higher degrees. Of the various lines of activity utilizing a knowledge of chemistry, the teaching profession probably stands first in importance, with its many opportunities for future work. Our women's colleges are today greatly in need of teachers well trained in the fundamentals of the natural sciences.

In the industrial field women are also being accepted for special lines of work in which, hitherto, men only have been sought. The enormous expansion brought about by the war has opened up many fields of work which hitherto have never attracted the attention of women. In the development of the sciences of photography, biochemistry and its related branches, biology, and physiological chemistry, a knowledge of organic and physical chemistry is essential. In all these fields well trained women will find opportunities for rendering assistance in the settlement of scientific and practical problems. Especially is this true also in the fields of sanitation and public health chemistry, of which the development is today but scarcely begun.

Other fields of scientific activity, in which women who are well trained in chemistry will undoubtedly

## ALUMNAE GRADUATE SCHOOL

be qualified to coöperate, are those involving the application of the principals of analytical chemistry in such industries as those dealing with textiles, the manufacture of pharmaceutical products and drugs, and, finally, in the soap and essential oil industries, where a good knowledge of the chemistry of fats, oils, soaps, and perfumes is essential. We do not encourage the training of women for any kind of industrial or technical work in chemistry having to do with plant operation and production, or with operations where a knowledge of engineering principles is necessary.

## DOCTORS OF PHILOSOPHY

### CHARLOTTE FITCH ROBERTS, B.A. Wellesley College 1880.

Upon receiving her Doctor's degree in 1894, the first year in which the degree was awarded to women, Miss Roberts became Professor of Chemistry at her Alma Mater, Wellesley College, where she taught until her death, except for periods of study in European universities in 1899-1900, and 1905-1906.

Her dissertation, entitled "The Development and Present Aspect of Stereochemistry," was published in 1896, by D. C. Heath & Company, Boston. Professor Gooch urged its publication, saying, "There is nothing in English which covers similar ground so broadly and so lucidly."

Miss Roberts died in 1917.

### CHARLOTTE FAIRBANKS, B.A. Smith College 1894, M.D. Woman's Medical College of Pennsylvania 1902.

Miss Fairbanks received her Doctor's degree in 1896. In 1902 she was graduated from the Woman's Medical College of Pennsylvania. In 1918-1919 she was Head Surgeon to Unit 1, American Women's Hospitals, Luzancy, France. In recognition of her services to France and especially to the city of Luzancy she was made a "citizen of France" and awarded a gold medal by the mayor of that city.

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She is now a physician in St. Johnsbury, Vermont.

Her dissertation was published in part in the *American Journal of Science*, in 1896, under the titles "The Iodometric Estimation of Molybdic Acid," and "An Iodometric Method for the Determination of Phosphorus in Iron." In 1897 translations appeared in *Zeitschrift für Anorganische Chemie*.

**MARTHA AUSTIN** (Mrs. Isaac K. Phelps), B.S.  
Smith College 1892, M.A. 1910.

Miss Austin received her Doctor's degree in 1898.

She married Isaac King Phelps, Ph.D. Yale University 1897, who is now Chemist in charge of the Food Control Laboratory of the Bureau of Chemistry, United States Department of Agriculture.

Her dissertation was published in part in the *American Journal of Science*, 4th series, in 1898, under the title "The Estimation of Manganese as the Sulphate and as the Oxide"; "On the Condition of Oxidation of Manganese Precipitated by the Chlorate Process"; "On the Estimation of Manganese Separated as the Carbonate"; "On the Determination of Manganese as the Pyrophosphate." Translations in *Zeitschrift für Anorganische Chemie*, 1898.

Her present address is 1410 M Street, N. W., Washington, D. C.

**DOROTHY ANNA HAHN**, B.A. Bryn Mawr College  
1899.

Since receiving her Doctor's degree in 1916, Miss Hahn has been Professor of Organic Chemistry at Mount Holyoke College.

Her dissertation, entitled "The Reactions of Some Carboxyl Derivatives of Trimethylene," was published in 1916, in the *Journal of the American Chemical Society*. Other publications in the *Journal of the American Chemical Society* include: "Researches on Hydantoins," in collaboration with Treat B. Johnson, 1917; "The Reduction of 4-Anesylhydantoin 1-Acetic Acid and its Ethyl Ester," in collaboration with Pauline Burt, 1917; "The Dictionary of Chemical Solubilities," in collaboration with Arthur Comey, appeared in the press announcement in the catalogue of books of Science, published by Macmillan Company; and "The Theory of Organic Chemistry," by Dr. Ferdinand Henrich, translated and enlarged by Treat B. Johnson and Miss Hahn, is now in preparation for spring publication by Wiley & Sons.

## *Botany*

ALEXANDER WILLIAM EVANS

IN the new Osborn Botanical Laboratory, which has now been in operation for about six years, the facilities are excellent for advanced work in morphology, ecology, and taxonomy. Through coöperation with the Connecticut Agricultural Experiment Station, equally good opportunities are available in plant pathology, and it is hoped that the important field of plant physiology may soon be adequately encouraged in the University. The facilities of the Laboratory are well supplemented by the extensive representation of botanical books in the University Library, and by the full series of living plants in the grounds and greenhouse of the Yale Botanical Garden.

Among the careers open to women who have carried on advanced work in botany, the profession of teaching offers, perhaps, the widest opportunities for further development and research. At the present time, well-trained and effective teachers are in great demand in the universities, colleges, and high schools, throughout the country, and this is true in a marked degree of teachers of botany and other natural history subjects.

The Department of Agriculture, also, is in constant need of women to investigate in its laboratories problems of economic interest. Positions calling for this type of work are often demanding to be filled, not only in Washington, but in the various state agricultural experiment stations, and afford

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opportunities in a useful and important field to those who do not care to become teachers.

### DOCTORS OF PHILOSOPHY

#### KATE GRACE BARBER (Mrs. A. L. Winton), B.S. Rhode Island State College of Agriculture and Mechanical Arts 1903.

After receiving her Doctor's degree in 1906, Miss Barber acted as Chemist and Microscopist at the Connecticut Agricultural Experiment Station until 1907, when she became Microscopist for the United States Department of Agriculture in the Bureau of Chemistry. In 1911 she resigned, and on December 16, 1911, was married to Andrew L. Winton, Ph.D. Yale University 1904. They have one daughter, Mary Gorham Winton.

Mrs. Winton's publications include her dissertation, published in the *Botanical Gazette* in 1909, under the title "Comparative Histology of Fruits and Seeds of Certain Species of Cucurbitaceæ," and several articles in collaboration with Dr. Winton, published in the *Botanical Gazette*.

Her present address is Wilton, Connecticut.

#### MARION GRAHAM ELKINS, B.S. Rhode Island State College of Agriculture and Mechanical Arts 1906.

Miss Elkins received her Doctor's degree in 1912. From 1913 to 1915 she was Instructor in Biology at Randolph-Macon Woman's College. In the year 1917-1918 she was Professor of Natural Science at Oxford College for Women.

Miss Elkins is at present connected with the United States Department of Agriculture, and is carrying on work in the Osborn Botanical Laboratory at Yale University under the direction of Dr. C. L. Shear and Dr. N. E. Stevens.

Her dissertation, "The Maturation Phases in *Smilax Herbea*," was published in 1914, in the *Botanical Gazette*. She has also published, in collaboration with Dr. G. R. Wieland, a paper, entitled "Cordaitean Wood from the Indiana Black Shale," in the *American Journal of Science*, Vol. 34, 1914.

# *Zoölogy*

ROSS GRANVILLE HARRISON

**I**N zoölogy and anatomy, women have distinguished themselves by fine work, both in teaching and in research. The careers open to them, however, as to men, are limited principally to academic lines, though there are also good opportunities in experiment stations and other research institutions.

In the Department of Zoölogy at Yale, women have long been welcome, and they have held positions of Assistant, of Research Fellow, and of Lecturer. While the number specializing in this subject here has been small up to the present, it is clearly increasing.

To one who feels as I do about the place of women in the University, this foreword seems superfluous. They should be admitted to all positions on the same terms as men, and I look forward to the day when, in filling places, fitness, not sex, will be regarded as the deciding factor.

## KATHARINE JEANETTE BUSH.

Upon receiving her Doctor's degree in 1901 Miss Bush was associated with the Peabody Museum at Yale as Scientific Assistant in the Department of Zoölogy, where she remained until 1913. From 1910 to 1913 she was also a private secretary. She has assisted various professors in the publication of scientific works. She is a member of the American Society of Naturalists, the American Society of Zoölogists, the Association of Collegiate Alumnae, and the College Club of Hartford, Connecticut.

In addition to the numerous published scientific works on the classification of Mollusca which Miss Bush presented in candidacy for her degree, her dissertation, entitled "Tubicolous Annelids of Tribes Sabellides and Serpulides from the Pacific

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Ocean," was published in 1904, in Vol. XII, Harriman Alaska Expedition.

Her present address is Farmington, Connecticut.

## DOCTOR OF PHILOSOPHY

MARGARET MORRIS (Mrs. Elmer Ray Hoskins),  
B.A. Bryn Mawr College 1908.

Miss Morris received her Doctor's degree in 1916.

In 1917 she married Elmer Ray Hoskins, Assistant in Biology at Yale in 1915-1916, and in 1918 her daughter, Sarah Graham Hoskins, was born.

During the year 1917-1918 she was Instructor in Anatomy at New York University and Bellevue Hospital Medical College.

Mr. Hoskins died a few months ago, and Mrs. Hoskins has been asked to carry on, in part, his work in teaching and research at the University of Minnesota.

Her dissertation, entitled "A Cytological Study of Artificial Parthenogenesis in *Cumingia*, was published in 1917, in the *Journal of Experimental Zoölogy*.

She has also published the following: "The Behavior of the Chromatin in Hybrids between *Fundulus* and *Ctenolabrus*," *Journal of Experimental Zoölogy*, 1914; "Further Experiments with Heat on the Eggs of *Cumingia*," *Biological Bulletin*, 1918; and "Thyroidectomy in Amphibia," in collaboration with Elmer R. Hoskins, *Journal of Experimental Zoölogy*, 1919.

Her present address is 25 Sidney Place, Minneapolis, Minnesota.

# *Physiological Chemistry*

LAFAYETTE BENEDICT MENDEL

TWENTY-FIVE years ago, the project of admitting women to candidacy for the higher degrees at Yale was regarded by more than one member of the Faculty as a venture of questionable advisability. Experience has been a good teacher. The subsequent records of the women who have attained a Master's degree or the Doctorate from this department have, in general, been creditable to the University. Most of them have taken, and still are taking, a commendable part in teaching and investigation in American Educational institutions, particularly in the field of the science of nutrition. They have contributed to the successful development of the home economics movement in this country. Success usually silences doubt.

## DOCTORS OF PHILOSOPHY

**ALICE HOPKINS ALBRO** (Mrs. Charles A. Barker),  
B.A. Bryn Mawr College 1890.

Miss Albro received her degree of Doctor of Philosophy in 1898. In 1901 she married Mr. Charles A. Barker. They had one son.

Her dissertation, entitled "The Origin and Chemical Relationship of Some Products of Proteolytic Cleavage," was published in 1898, in the *American Journal of Physiology*, 1.

Mrs. Barker died in 1904.

**MARY DAVIES SWARTZ** (Mrs. Anton R. Rose), B.L. Denison University 1901, B.S. Columbia University 1906.

Upon receiving her Doctor's degree in 1909, Miss Swartz became Assistant Professor of Household Arts, Teachers College,

## YALE UNIVERSITY

Columbia University, New York. Since 1918 she has been Associate Professor in the same department.

In 1910 she married Anton Richard Rose, M.S. Yale University 1911. They have one child, Richard Collin Rose.

From March, 1918, to February, 1919, Mrs. Rose was Deputy Director of the Bureau of Conservation, the Federal Food Board, and the New York State Food Commission in New York City.

Her dissertation, entitled "Nutrition Investigations on the Carbohydrates of Lichens, Algae, and Related Substances," was published in 1911, in *Transactions of the Connecticut Academy of Arts and Sciences*, 16.

Her publications include: "Laboratory Handbook for Dietetics," Macmillan Company, 1912; "Feeding the Family," Macmillan Company, 1916; and "Everyday Foods in Wartime," Macmillan Company, 1918.

## ALICE FRANCES BLOOD, B.S. Massachusetts Institute of Technology 1903.

Miss Blood received her Doctor's degree in 1910. From that time her work has been in the School of Household Economics at Simmons College. She is now Professor of Dietetics and Director of the School.

Her dissertation was published in 1910, in the *Journal of Biological Chemistry*, under the titles "Some Peculiarities of the Proteolytic Activity of Papain," and "The Erepsin of the Cabbage."

## LOUISE STANLEY, B.S. University of Nashville 1903, B.Ed. University of Chicago 1906, M.A. Columbia University 1907.

Upon receiving her Doctor's degree in 1911, Miss Stanley became Assistant Professor at the University of Missouri. In 1913 she was promoted to Associate Professor, and in 1918 to her present position of Professor in that University. During the year 1918-1919 she was Federal Agent for Home Economics Education with the Federal Board for Vocational Education.

Her dissertation is entitled "The Occurrence of Purine Enzymes in the Tissues of Invertebrates and Lower Vertebrates."

## AMY LOUISE DANIELS, B.S. Columbia University 1906.

Upon receiving her Doctor's degree in 1912, Miss Daniels taught at the University of Wisconsin, where she became Professor in 1917. Since 1918 she has been Research Professor of Nutrition at the Child Welfare Research Station, State University of Iowa, Iowa City.

## ALUMNAE GRADUATE SCHOOL

Her dissertation was published in the *Journal of Biological Chemistry* in 1912, under the title "The Behavior of Fat-soluble Dyes and Stained Fat in the Animal Organism."

Further publications include: "The Influence of Lithium and Atophan on the Uric Acid Excretion of a Gouty Patient," *Archives of Internal Medicine*, 1914; "The Relation of Uric Acid to Gouty Attacks," *Archives of Internal Medicine*, 1915; "The Nutritive Value of Boiled Milk," *American Journal of Diseases of Children*, 1916; "The Nutritive Value of the Soy Bean," *Journal of Biological Chemistry*, 1917; "The Rôle of the Inorganic Sulphate in Nutrition," *Journal of Biological Chemistry*, 1918; "Feeding Experiments with Peanuts," *Journal of Biological Chemistry*, 1918; "Influence of High Temperatures and Dilute Alkalies on the Anti-neuritic Properties of Foods," *Journal of Biological Chemistry*, 1919; "A Simple Method of Modifying the Fat Content of Milk for Infant Feeding," *American Journal of Diseases of Children*, 1919; and "The Rôle of the Anti-neuritic Vitamine in the Artificial Feeding of Infants," *American Journal of Diseases of Children*, 1919.

### RUTH WHEELER, B.A. Vassar College 1899.

Upon receiving her Doctor's degree in 1913, Miss Wheeler went to the University of Illinois, where she was Associate in Household Science. In 1918 she was called to Goucher College, where she is now Professor of Home Economics. She is also First Vice-President of the American Dietetics Association.

Her dissertation, entitled "Nutrition Experiments with Mice," was published in 1913, under the title "Feeding Experiments with Mice," in the *Journal of Experimental Zoölogy*, 15.

She has also published: "Infant Feeding," *Journal of Home Economics*, June, 1915; "Proteins in Growth," *Scientific Monthly*, March, 1916; "Recent Contributions to the Foundations of Dietetics," *Journal of Home Economics*, November, 1915; "Storm," a poem, *Harper's Weekly*, January 9, 1915; "War and Dietetics," *Journal of Home Economics*, September, 1916; and "Home Economics in the Woman's College," *Journal of Home Economics*, September, 1919.

### LOTTA JEAN BOGERT, B.A. Cornell University 1910.

Upon receiving her Doctor's degree in 1916, Miss Bogert became Research Assistant in Pathological Chemistry, and in 1918 Instructor in Experimental Medicine, in the Yale School of Medicine. Since 1919 she has been Professor of Food Economics and Nutrition at the Kansas State Agricultural College, Manhattan, Kansas.

Her dissertation, entitled "Studies in the Regulation of the Blood Volume in Normal and Nephritic Animals," was published in 1916, in the *American Journal of Physiology*.

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She has also published the following: "Alterations in the Output of Certain Urinary Constituents as Determined by Changes in the Character of the Diet" (with F. P. Underhill), *Journal of Biological Chemistry*, 1916, Vol. 27; "A Note on Modifications of the Colorimetric Determination of Uric Acid in Urine and in Blood," *Journal of Biological Chemistry*, 1917, Vol. 31; "The Uric Acid Content of Maternal and Fetal Blood," (with J. M. Slemons), *Journal of Biological Chemistry*, 1917, Vol. 32; and "Urinary Excretion of Phosphates in the Rabbit," (with F. P. Underhill), *Journal of Biological Chemistry*, 1918, Vol. 36.

### LOUISE WHITMAN FARNAM, B.A. Vassar College 1912.

Upon receiving her degree of Doctor of Philosophy in 1916, Miss Farnam entered the Yale School of Medicine. In 1918 she became a student interne in the New Haven Hospital, and an interne in 1919.

Her dissertation is entitled "An Experimental Study of Dietary Deficiencies in Guinea Pigs."

Her present address is 43 Hillhouse Avenue, New Haven, Connecticut.

### SARAH ELIZABETH JUDSON, B.A. Vassar College 1903.

Miss Judson received her Doctor's degree in 1916.

Her dissertation, entitled "Changes in the Ash Content of the White Mouse in Relation to Diet and Growth," was reported in the *Proceedings of the National Academy of Science*.

Her most recent address is 123 Waverly Place, New York City.

### LOUISE McDANEL (Mrs. Charles Albert Browne), B.S. University of Nashville 1902, B.A. Leland Stanford Junior University 1906, M.A. Columbia University 1912.

Upon receiving her Doctor's degree in 1917, Miss McDanell was for a year Associate Professor of Home Economics at Goucher College.

In 1918 she married Charles Albert Browne, Ph.D.

Her dissertation, entitled "Studies in Carbohydrate Metabolism," was published in 1917, in the *Journal of Biological Chemistry*, as seven papers, XIV-XX.

Her present address is Apartment 4C, 15 Clark Street, Brooklyn, New York.

## ALUMNAE GRADUATE SCHOOL

HELEN BISHOP THOMPSON, B.S. Kansas State Agricultural College 1903, M.S. 1907, M.A. Columbia University 1913.

After receiving her Doctor's degree in 1917, Miss Thompson was Professor of Nutrition and Dietetics at Connecticut College for Women until 1918, when she accepted her present position, that of Dean of the Division of Home Economics and Professor of Nutrition and Dietetics, at Kansas State Agricultural College, Manhattan, Kansas.

Her dissertation, "An Experimental Study of Alternating Growth and Suppression of Growth in the Albino Mouse, with Special Reference to the Economy of Food Consumption," was published in 1918, in the *American Journal of Physiology*.

At the present time she has four manuscripts in preparation for publication.

## MASTERS OF SCIENCE

EDNA LOUISE FERRY, B.A. Mount Holyoke College 1905.

Miss Ferry was the first woman to receive a Master of Science degree from Yale. When she received that degree in 1913, she was on the staff of the Research Laboratory of the Connecticut Agricultural Experiment Station, where she remained until her death in October, 1919.

Her essay, entitled "The Rate of Growth of the Albino Rat," was published in the *Anatomical Record*, Vol. VII, in 1913.

She also wrote "The Value of Milk," first published as a Bulletin of the Connecticut Agricultural Experiment Station, later reprinted in various forms and translated into French; "The Effect of Retardation of Growth upon the Breeding Period and Duration of Life of Rats," published in 1917, in *Science*, Vol. XLV, in collaboration with Thomas B. Osborne and Lafayette B. Mendel; "A Method of Expressing Numerically the Growth-Promoting Value of Proteins," published in 1919, in the *Journal of Biological Chemistry*, Vol. XXXVII, in collaboration with Thomas B. Osborne and Lafayette B. Mendel; "Preparation of Protein Free from Water-Soluble Vitaminine," published in 1919, in the *Journal of Biological Chemistry*, Vol. XXXIX, in collaboration with Thomas B. Osborne and Alfred J. Wakeman.

EMMA L. WARDELL, B.A. Goucher College 1908.

Upon receiving her Master of Science degree in 1917, Miss Wardell did research work for a year as Pathological Chemist in the New York Post Graduate Medical School and Hospital.

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Since 1918 she has been doing work in nutrition as Associate in Home Economics at the University of Illinois.

Her Master's essay, entitled "The Effect of Ingestion of Coffee, Tea, and Caffein on the Excretion of Uric Acid in Man," was published in 1917, in the *Journal of the American Medical Association*, Vol. 68.

She has also published the following: "Estimation of Cholesterol in Blood," in collaboration with Ludwig Kast and V. C. Myers, *Proceedings of the Society of Experimental Biology and Medicine*, XV, 1; "Urea Content of the Blood," in collaboration with Ludwig Kast, *Proceedings of the Society of Experimental Biology and Medicine*, XV, 95; "Colorimetric Estimation of Cholesterol in Blood with a Note on Estimation of Coprosterol in Feces," in collaboration with V. C. Myers, *Journal of Biological Chemistry*, 36; and "Remarks on the Concentration of Urea in Human Blood," in collaboration with Ludwig Kast, *Archives of Internal Medicine*, 22.

# *Bacteriology and Public Health*

CHARLES-EDWARD AMORY WINSLOW

**T**HIS department offers to those desiring to specialize in bacteriology, the degrees of Master of Science and Doctor of Philosophy, and to those desiring to specialize in public health, the Certificate in Public Health and the degrees of Doctor of Philosophy and Doctor of Public Health.

The Certificate and all of the degrees except the Doctor of Public Health are open to college graduates, the Doctorate in Public Health requiring a medical degree as a prerequisite.

The opportunity for women in these fields is a wide one. On the laboratory side the demand for women bacteriologists to serve in state and city health departments and in private laboratories is constantly greater than the supply. The teaching of bacteriology and sanitary science in women's colleges is developing very rapidly and will furnish in the future attractive positions to many workers of the right type. In vital statistics there is also a pressing need for trained workers. And finally, for those whose interests lie in the direction of social reconstruction, there is an admirable opportunity for women with a basic training in sociology to specialize in public health and to utilize their abilities in various types of public and private health organizations, anti-tuberculosis societies, health centers, and the like, as well as in the constructive work that is being undertaken by many industrial firms.

## YALE UNIVERSITY

### MASTERS OF SCIENCE

#### FRANCES CONSTANCE STEWART, B.A. Wellesley College 1917.

Upon receiving the degree of Master of Science in 1917, Miss Stewart became Assistant Bacteriologist in the Michigan State Department of Health. In August, 1918, she accepted a similar position in the New York State Department of Health, which she is still holding.

Her essay, entitled "A Note on Petroff's Cultural Method for the Isolation of Tubercle Bacilli from Sputum and its Application to the Examination of Milk," was published in 1917, in the *Journal of Experimental Medicine*, Vol. 26.

Her present address is 395 Madison Avenue, Albany, New York.

#### MARGARET MC CONWAY SCOVILLE, B.A. Smith College 1917.

Since receiving the degree of Master of Science in 1919, Miss Scoville has been Bacteriologist for the Tuberculosis League of Pittsburgh.

Her essay, entitled "Bacterium Anatum, Nov. Spec., the Etiologic Factor in 'Keel' of Ducklings," was published in collaboration with Professor Leo F. Rettger, in March, 1920, in the *Journal of Infectious Diseases*, Vol. 26.

Her present address is Tuberculosis League, Bedford Avenue and Wandless Street, Pittsburgh, Pennsylvania.

### CERTIFICATE IN PUBLIC HEALTH

#### HELEN ROBERTSON GAGE (Mrs. Brownell Gage), M.D. Woman's Medical College of Pennsylvania, 1901.

Dr. Gage received the first Certificate in Public Health granted by Yale University, in 1919. Although as wife of the Dean of the College of Yale in China, and mother of three children, her time is well occupied, she volunteers her services in the hospital at the College.

Her essay is entitled "A History of Influenza Epidemics to 1889."

Her address is Changsha, China.

## *Geology*

CHARLES SCHUCHERT

THE Geological Department has prepared for graduation with the doctor's degree three women: Mignon Talbot, Ruth S. Harvey (Mrs. Robert W. Jones), and Gladys M. Wrigley. Two of them were trained for the places they now hold, and the third had no difficulty in getting a teaching position. As students, women compare well with our men candidates for the higher degrees.

As geology is primarily a field science, naturally women do not easily work into it from the standpoint of research in the field. On the other hand, as teachers in women's colleges and in normal and high schools, and as laboratory workers, draftsmen, and assistants in museums, many women will find opportunities for geological work. In the Government survey and in some of the state surveys they are employed as paleontologists, statisticians, librarians, etc. As yet, women have not in numbers gone into geology and paleontology, but they are more and more entering into the study of these sciences in the universities, and, so far as one can see, although the field is a limited one, they are all finding places when they choose to adapt themselves to the work demanded of them.

## DOCTORS OF PHILOSOPHY

MIGNON TALBOT, B.A. Ohio State University 1892.

Upon receiving her Doctor's degree in 1904, Miss Talbot was for three years Associate Professor of Geology at Mount Hol-

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yoke College. In 1907 she was promoted to her present position of Professor in that department.

Her dissertation, published as "Revision of the New York Helderbergian Crinoids," appeared in the *American Journal of Science*, in 1905.

She has also published the following: "Podokesaurus Hol-yokensis, a New Dinosaur from the Triassic of the Connecticut Valley," *American Journal of Science*, Vol. 31, June, 1911.

### RUTH SAWYER HARVEY (Mrs. Robert W. Jones), B.A. University of Cincinnati 1905.

Upon receiving her Doctor's degree in 1908, Miss Harvey taught Physical Geography in the Philadelphia High School for Girls until 1917.

In 1917 she married Robert W. Jones.

Her dissertation is entitled "Drainage and Glaciation in the Central Housatonic Basin."

She has also written several reviews.

Her present address is 10 North Bonsall Avenue, Darby, Pennsylvania.

### GLADYS MARY WRIGLEY, B.Sc. University College of Wales 1907.

Since receiving her Doctor's degree in 1917, Miss Wrigley has been Associate Editor in the American Geographical Society of New York.

Her dissertation, "Roads and Towns of the Central Andes," was published in 1917, 1918 and 1919, in the *Geographical Review*.

Her present address is 421 West 118th Street, New York City.

## *Appendix I*

### WOMEN CANDIDATES FOR DEGREES IN 1920

#### *Doctor of Philosophy*

RUTH B. HOWLAND, Ph.B. Syracuse University 1908,  
Ph.M. 1909. Zoölogy.

MARTHA RICHARDSON JONES, B.S. Peabody College  
1915, M.A. 1915. Physiological Chemistry.

ICIE GERTRUDE MACY, B.S. University of Chicago 1916,  
M.A. University of Colorado 1918. Physiological  
Chemistry.

MARJORIE HOPE NICOLSON, B.A. University of Michigan  
1914, M.A. 1918. English.

JULIA BAYLES PATON, B.A. Smith College 1900, M.A.  
1912. Botany.

#### *Master of Arts*

PAULINE GOETZEE PULCIFER, B.L. University of California  
1903. History.

#### *Master of Science*

MARY LOUISA LONG, B.A. University of California 1916.  
Physiological Chemistry.

#### *Certificate in Public Health*

DOROTHY FITZGERALD HOLLAND, B.A. Mount Holyoke  
College 1918. Public Health.

MYRA MAY HULST, B.A. Vassar College 1913. Public  
Health.

## *Appendix II*

### WOMEN WHO HAVE RECEIVED HONORARY DEGREES FROM YALE UNIVERSITY

JANE ADDAMS, LL.D., (1910 M.A.)  
MABEL T. BOARDMAN, LL.D., (1911 M.A.)  
CECILIA BEAUX, N.A., LL.D., (1912 M.A.)  
PRESIDENT MARY E. WOOLLEY, Litt.D., LL.D., (1914  
M.A.)  
KATHERINE B. DAVIS, Ph.D., LL.D., (1915 M.A.)

## *Appendix III*

### FELLOWSHIPS AND SCHOLARSHIPS FOR WOMEN

**I**N view of the rather general ignorance of the fact that Yale offers fellowships to women, it is interesting to note the number of awards to them in recent years.

	<i>Fellows</i>	<i>Scholars</i>
1910-11	4	5
1911-12	4	
1912-13	6	9
1913-14	5	8
1914-15	5	8
1915-16	11	8
1916-17	7	8
1917-18	6	7
1918-19	12	7
1919-20	11	6

These awards have been both on general University funds and on the following special foundations:

## ALUMNAE GRADUATE SCHOOL

The *Susan Rhoda Cutler Fellowship*, which was established in March, 1912, from a bequest of over eleven thousand dollars from Mrs. Frances E. Cutler, in memory of her daughter. By the terms of the gift the income is used as a graduate fellowship for women.

The *Mary E. Ives Fellowship* in Philosophy, which was established in February, 1908, by the gift of ten thousand dollars from Mrs. Mary E. Ives, of New Haven. The income is to be awarded annually to a woman graduate of any college of good standing who has taken a Bachelor's degree with distinction.

## *Appendix IV*

### COLLEGES REPRESENTED BY TWO OR MORE YALE ALUMNAE

IT is interesting to parallel column the number of women graduates from other colleges who have taken a higher degree at Yale, with the number of Yale Doctors and Masters now on the faculties of those colleges.

<i>College</i>	<i>Graduates</i>	<i>Yale Representatives on Faculty</i>
Smith College	17	7 women, 2 men
Wellesley College	13	5 women, 1 man
Vassar College	11	4 women, 1 man
Mount Holyoke College	7	4 women
Bryn Mawr College	6	1 woman, 1 man
Cornell University	5	5 men
University of Kansas	5	3 women, 3 men
Radcliffe College	4	
University of Chicago	4	6 men
University of Cincinnati	3	
University of Nebraska	3	2 men
Oberlin College	3	4 men
Wesleyan University	3	4 men

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<i>College</i>	<i>Graduates</i>	<i>Yale Representatives on Faculty</i>
Bethany College	2	1 man
Rhode Island State College	2	
Washburn College	2	1 man
University of California	2	6 men
Columbia University	2	1 woman, 5 men
Boston University	2	1 man
University of Missouri	1	1 woman, 2 men
Otterbein College	1	1 woman, 2 men
Goucher College	1	3 women, 2 men

## JOHN ADDISON PORTER PRIZE

As this pamphlet goes to press, announcement is made that the John Addison Porter Prize, established in 1876 and offered annually for a work of scholarship in a literary form, has been awarded to Miss Marjorie Hope Nicolson. This is the first time that the award has been made to a woman.

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